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HEALTH REPORT  
OF  
NEWARK, N.J.  
1956

HON. LEO P. CARLIN, MAYOR

JOHN S. FLOCKHART, DIRECTOR  
DEPT. OF HEALTH & WELFARE

6/19/57  
DIVISION OF HEALTH  
AARON H. HASKIN, M.D., M.P.H.  
HEALTH OFFICER



FEBRUARY 1, 1957

HON. LEO P. CARLIN, MAYOR,

MR. JOHN S. FLOCKHART, DIRECTOR

MEMBERS OF THE CITY COUNCIL

AND CITIZENS OF NEWARK, N. J.

GENTLEMEN:

IN SUBMITTING MY ANNUAL REPORT FOR 1956, I AM PLEASED TO ADVISE THAT NEWARK AGAIN EXPERIENCED A YEAR OF EXCELLENT HEALTH.

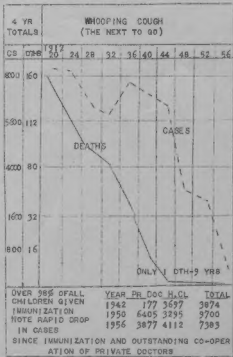
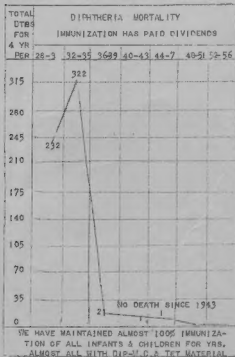
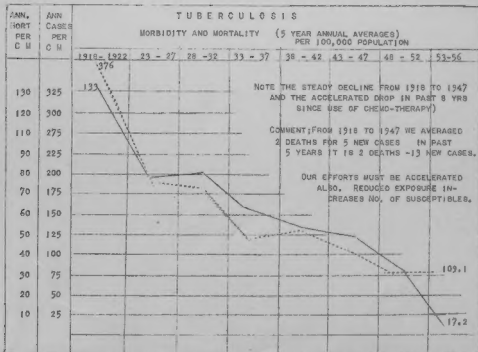
WE HAD NO PREVELANCE OF MAJOR CONTAGION, AND ALL OF OUR HEALTH RATES CONTINUED TO BE OUTSTANDING, PARTICULARLY TUBERCULOSIS AND INFANT MORTALITY, TWO OF THE MOST RELIABLE MEASUREMENTS OF PUBLIC HEALTH.

ALTHOUGH WE ARE PROUD OF OUR HEALTH PROGRAMS AND ITS RESULTS, CONSIDERABLE CREDIT MUST BE GIVEN TO THE COOPERATION OF THE GENERAL PUBLIC AND MEDICAL PROFESSION, AS WELL AS THE MANY PRIVATE AND OTHER PUBLIC AGENCIES WORKING WITH US.

RESPECTFULLY

*for on J. Haskin*  
J.D., M.P.H.  
HEALTH OFFICER

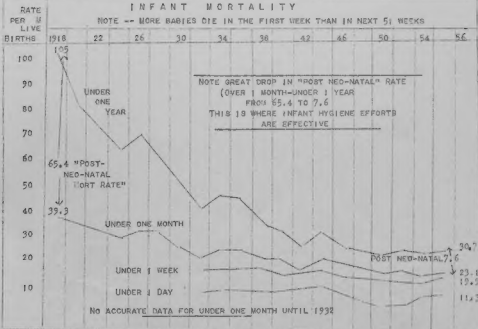




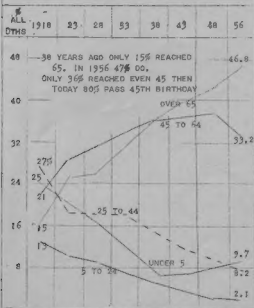


# INFANT MORTALITY

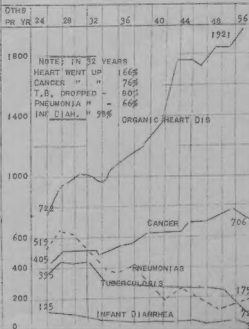
NOTE -- MORE BABIES DIE IN THE FIRST WEEK THAN IN NEXT 51 WEEKS



## MORTALITY TRENDS BY AGE PEOPLE ARE LIVING LONGER.



## MORTALITY TRENDS - MAJOR CAUSES







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## WHAT OUR HEALTH BUDGET PURCHASES

SOME PEOPLE DO NOT REALIZE THE MANY VALUABLE SERVICES PAID FOR BY THE HEALTH DIVISION BUDGET. TOO OFTEN IT IS FELT THAT WE MERELY INVESTIGATE NEIGHBORHOOD NUISANCES OR PLACARD FOR CONTAGIOUS DISEASES. FOLLOWING IS SOME OF THE WORK MADE POSSIBLE BY OUR BUDGET.

NOT ONLY - ENVIRONMENTAL SANITATION; DOG LICENSING AND RABIES CONTROL; INFANT BOARDING HOME SUPERVISION; HANDLING AND STUDY OF VITAL STATISTICS; AND MANY OTHERS;-

### B U T   A L S O

- 1 - MEDICAL CARE OF THE POOR - APPROXIMATELY \$375,000 IS SPENT IN THE MEDICAL CARE OF THE POOR - CLINIC TREATMENTS, HOME DOCTOR AND NURSE CALLS, ETC.
- 2 - DISEASE CONTROL AND PREVENTION - THOUSANDS OF SCREEN-TESTING X RAYS AND BLOOD TESTS FOR EARLY DETECTION OF TUBERCULOSIS AND SYPHILIS CASES WHICH WOULD BE A HAZARD TO THE ENTIRE PUBLIC -- CURE IS ALSO PROBABLE IN THE EARLY STAGES. ISOLATION AND QUARANTINE FOR CONTAGION AND CAMPAIGN FOR IMMUNIZATION AGAINST DIPHTHERIA, WHOOPING COUGH AND SMALLPOX.
- 3 - HEALTHY BABIES - MOTHERS VISITED MONTHLY TO INSURE PROPER CARE, EVEN TO INSTRUCT IN BEHAVIOR PROBLEMS WHICH OFTEN LEAD TO WARPED MENTAL DEVELOPMENTS IN ADULT LIFE. (ANTICIPATORY GUIDANCE)
- 4 - SCHOOL HEALTH - INSURE GOOD HEALTH AND CORRECTION OF PHYSICAL DEFECTS IN 15,900 PAROCHIAL SCHOOL CHILDREN, AS IS DONE IN THE PUBLIC SCHOOLS BY THE BOARD OF EDUCATION.
- 5 - CHILDREN'S DENTAL CARE - FREE TREATMENTS IN DISPENSARY AND NINE NEIGHBORHOOD CLINICS FOR APPROXIMATELY 6,000 DIFFERENT PUBLIC AND PAROCHIAL SCHOOL CHILDREN UNABLE TO PAY.
- 6 - CLEAN FOOD - SECURE MAXIMUM SANITATION AND PURE FOOD IN EVERY FOOD ESTABLISHMENT WHERE THE PUBLIC HAS NO OTHER PROTECTION, PLUS COMPULSORY LECTURES FOR EVERY FOOD HANDLER TO PREVENT FOOD INFECTIONS.
- 7 - PURE MILK - INSURE A PURE SUPPLY OF MILK (2,000,000 QUARTS PER WEEK) AND THE MAJOR FOOD OF INFANTS AND CHILDREN. IT MUST BE CLEAN, PASTEURIZED AND BOTTLED.
- 8 - AND STILL FURTHER - CONTROL OF MALARIA (WEED EXTERMINATION) CLEAN WELL AND POOL WATER; INDUSTRIAL HEALTH WORK IN INDUSTRY. KEEPING THE PUBLIC INFORMED AS TO HOW EACH INDIVIDUAL CAN HELP IMPROVE THE HEALTH OF HIMSELF, HIS FAMILY AND HIS NEIGHBORS.





CITY OF NEWARK, NEW JERSEY  
 MAYOR AND CITY COUNCIL (ELECTED)  
 ALL CITY FUNDS, ORDINANCES, APPOINTMENTS ETC.

DIVISION OF HEALTH  
 ORGANIZATION  
 ALL EMPLOYEES - CIVIL SERV.

DIRECTOR OF HEALTH & WELFARE  
 HAS CHARGE OF  
 HOSPITALS, RELIEF, HEALTH, ETC.

DIVISION E CONGRES ALL  
 STATE A TH LA S  
 AND ORDINANCES

DIVISION OF HEALTH

HEALTH OFFICER  
 EXEC HEAD.  
 EXECUTIVE DIVISION  
 ADMINISTRATION, VITAL  
 STATISTICS, EDUCATION  
 MAINTENANCE ETC

LABORATORIES  
 CHEMICAL, BACTERIOLOGICAL, SEROLOGICAL  
 SERVES ALL BUREAUS

DISPENSARY CLINICS  
 TREATMENT OF INDIGENT PATIENTS  
 AND HOME SICK CALLS  
 DOCTORS & NURSES

SANITATION

FOOD & DRUG

CONTROL

HEAT

INSPECTION

SANITARY  
 ENVIRONMENTAL  
 SANITATION  
 &  
 DOG CONTROL

PAROCHIAL  
 SCHOOL  
 MED INSP &  
 HEALTH ED

DENTAL  
 C &  
 MOST Y  
 CHILDREN

ENGINEERING  
 & INDUS  
 HEALTH

BABY  
 KEEP-WELL  
 STATIONS

CHILD  
 HYGIENE BUR

CONT DIS  
 OTHER THAN  
 TR OR VEN

DISEASE CONTROL

CHEST DIS  
 CONTROL  
 \* CLINICS

OCCUPAT.  
 CLINIC  
 DOMESTICS  
 SPEC GRPS

VENEREAL  
 DISEASE  
 CLINICS  
 & CONTROL



# DIVISION OF HEALTH

NEWARK, N. J.

HEALTH OFFICER -- AARON H. HASKIN, M.D., M.P.H.

ASST. HEALTH OFFICER  
ROBERT F. MORGAN  
ADMINISTRATION

DEPUTY HEALTH OFFICER  
PASCAL J. BAIocchi, M. D.

ASST. HEALTH OFFICER  
JOSEPH E. CONNOLLY  
FOOD & DRUG

PUBLIC HEALTH ENGINEER  
JACOB M. BLOCK, B.S., M.P.H.

\*\*\*\*\*

## MEDICAL AND DENTAL BUREAU HEADS

CHILD HYGIENE  
JULIUS LEVY, M.D.

CONTAGION  
JOSEPH W. GARDAM, MD.

CHEST DISEASES  
IRVING WILLNER, M. D

VENEREAL DISEASE  
EDMOND EDELSON, M. D.

OCCUPATIONAL  
WILLIAM T. RUMAGE, M.D.

DENTAL  
J.E.H. GUTHRIE, D. D. S

CHIEF SUPV OF LABS  
CARL CORDASCO, B.S., PH.G.

SEROLOGICAL LAB  
MEYER LEVY, B.S.

CHEMICAL LAB  
NICHOLAS D'AURIA, B.A.

BACTERIOLOGICAL LAB  
FRED COLTRELL

CHIEF PHARMACIST  
OSCAR B. STEVENS, PH. G.

CHIEF VETERINARIAN  
JOHN DEVINE, D.V.S.

SUPV. CHIEF INSP.--SANITATION -- EDWARD A. SMITH

SUPV. CHIEF INSP.--CONTAGION - - WILLIAM S. JENNINGS

CHIEF INSPECTOR, FOOD & DRUG - - DAVID E. MORGAN

CHIEF INSPECTOR, MEAT INSP. - JOSEPH HEARL

DIRECTOR, PUB HEALTH SERV - - - MELVINA H. RYAN, R.N.

SUPERVISOR, CHILD HYG NURSES - EDITH D'AMATO, R.N., B.S.

SUPERVISOR, TUBERCULOSIS " - - FRANCES DUGOSZ, R.N.

SUPERVISOR, PAROCHIAL SCH " - MARY HOBAN, R.N., BS, MA.

ACTING SUPV VIS HEALTH EDUC, - - PIERCE C. FELLOWS





## HEALTH REPORT 1956

NEWARK, NEW JERSEY

AARON H. HASKIN, M.D., M.P.H. HEALTH OFFICER

HONORABLE LEO P. CARLIN, MAYOR, MEMBERS OF THE CITY COUNCIL  
DIRECTOR JOHN S. FLOCKHART, AND CITIZENS OF NEWARK, N. J.

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THE CITY OF NEWARK AGAIN CONTINUED ITS GOOD HEALTH DURING 1956, WITH EXCELLENT HEALTH RATES; (TUBERCULOSIS 16.2 PER CM AND INFANT MORTALITY 30.7 PER 1000 LIVE BIRTHS, AND A CRUDE DEATH RATE (ALL CAUSES) 11.4. INFANT MORTALITY WAS THE LOWEST EVER. WE HAD NO PREVALENCE OF MAJOR CONTAGIOUS DISEASES. CONSIDERABLE CREDIT IS AGAIN DUE THE COOPERATION OF THE GENERAL PUBLIC AND THE MEDICAL PROFESSION, AS WELL AS MANY PRIVATE AGENCIES WORKING WITH US.

THERE WERE 5,041 DEATHS FROM ALL CAUSES INCLUDING 1,046 NON-RESIDENT DEATHS (MOSTLY IN NEWARK HOSPITALS), COMPARED WITH 5,192 DEATHS IN 1955, AND THE LOWEST IN 17 YEARS. BASED ON AN ESTIMATED POPULATION OF 443,000, THIS GIVES A CRUDE MORTALITY RATE OF 11.4 PER 1000, WHICH IS BELOW THE NORMAL FOR THE PAST ELEVEN YEARS. SEVERAL OF THE MAJOR CAUSES OF DEATH SHOWED A REDUCTION. INCREASES WERE IN PNEUMONIA (BRONCHIAL AND LOBAR 25), APOPOPLEXY 144 AND ACCIDENTS 15.

ORGANIC HEART DISEASE CAUSES ABOUT 40% OF ALL DEATHS AND OF 1,921 SUCH DEATHS, MORE THAN 59% HAD PASSED THEIR 65TH BIRTHDAY. CANCER AGAIN FELL FROM 743 TO 706, THE LOWEST IN EIGHT YEARS. A MOST ENCOURAGING TOTAL WAS TUBERCULOSIS (ALL FORMS) WITH 72 ONLY 4 MORE THAN THE RECORD-BREKING LOW OF 68 LAST YEAR.

THERE WERE 14,605 BIRTHS OR A CRUDE RATE OF 32.9 PER THOUSAND (THE HIGHEST EVER RECORDED IN NEWARK). THE BIRTH RATE USUALLY INCREASES DURING WAR-TIME AND THEN TAPERES OFF. FOLLOWING THE LAST WAR, HOWEVER, WE HAVE CONTINUED AT A HIGH POINT FOR SEVERAL YEARS. THE ADJUSTED RATE IS, NATURALLY, MUCH LOWER. SEE BIRTH STATISTICS TABLES.

### ITEMS OF SPECIAL INTEREST

TUBERCULOSIS MORTALITY THE 72 DEATHS AND A RATE OF 16.2 PER CM WAS ONLY FOUR MORE THAN THE PREVIOUS YEAR WHICH HAD BEEN THE EIGHTH CONSECUTIVE NEW LOW RECORD. TREATMENT, CONSISTING OF BED-REST, NUTRITION, HOSPITALIZATION AND LUNG COLLAPSE, GRADUALLY REDUCED THIS RATE FROM 185 IN 1918 TO 59.3 IN 1946. IN THE PAST NINE YEARS, A RAPID REDUCTION OF 75% MUST SURELY BE DUE TO THE USE OF SO-CALLED "WONDER DRUGS". IN MEASURING THE HEALTH OF A COMMUNITY, TUBERCULOSIS MORTALITY IS ONE OF THE FIRST RATES TO

CONSIDER, INASMUCH AS IT IS SO DIRECTLY AFFECTED BY POOR LIVING CONDITIONS, MALNUTRITION, OVERCROWDING, LOW INCOME AND GENERAL HEALTH KNOWLEDGE BY THE PUBLIC. IT IS ALSO ONE OF THE CONDITIONS WHICH CAN BE SO GREATLY BENEFITED BY A GOOD HEALTH PROGRAM. FORTUNATELY, THE DISEASE REQUIRES FREQUENT, INTIMATE EXPOSURE TO SPREAD, BUT SURELY IN OVERCROWDED SLUM CONDITIONS, SUCH INTIMATE CONTACT MUST BE INCREASED. THE RATE IS, THEREFORE, ALWAYS HIGH IN SUCH SECTIONS, THAT IS WHY THIS RATE IS MUCH HIGHER AMONG NEGROES IN LARGE NORTHERN CITIES, DUE TO UNFORTUNATE HOUSING AND ECONOMIC HANDICAPS.

THE RATE AMONG NEGROES IN NEWARK, HAS BEEN REDUCED, HOWEVER, FROM 388 IN 1936 TO 284 IN 1942; 187 IN 1947 AND TO 41.2 IN 1956, THE LOWEST EVER, AND A REDUCTION OF 88% IN 18 YEARS, AND OVER 60% IN PAST FIVE YEARS.

INFANT MORTALITY INFANT MORTALITY, LIKE 30.7 PER 1000 BIRTHS TUBERCULOSIS MORTALITY, IS ONE OF THE OUTSTANDING MEASURING RODS OF PUBLIC HEALTH. THERE WERE 448 DEATHS UNDER ONE YEAR AMONG 14,605 BIRTHS OR A RATE OF 30.7 PER 1000 BIRTHS. WHEN CHILD HYGIENE WORK IS STARTED IN THIS DIVISION ABOUT FORTY YEARS AGO, THE RATE WAS OVER 100. HAD THAT RATE CONTINUED, THERE WOULD HAVE BEEN 1,500 INFANT DEATHS LAST YEAR INSTEAD OF 448.

THE BULK OF MORTALITY REDUCTION HAS BEEN IN INTESTINAL DISEASES AND CONTAGIOUS AND RESPIRATORY DISEASES. INTESTINAL CAUSES AVERAGED 220 DEATHS THEN, TODAY LESS THAN 4 OR 5. RESPIRATORY AVERAGED 200 PER YEAR; TODAY 35. CONTAGION AVERAGED 150 THEN, TODAY ONLY 15. CONGENITAL CONDITIONS HAS DECREASED MUCH LESS FROM 38 PER 1000 TO ABOUT 27.



## CARE OF SICK POOR

AMONG THE FIELDS OF PUBLIC SERVICE CARRIED OUT BY THE HEALTH DIVISION, BUT NOT REALIZED BY THE AVERAGE PUBLIC, IS CARE OF THE SICK POOR. A MAJOR PORTION OF OUR ENTIRE BUDGET (MORE THAN 20%, OR \$375,000) IS USED FOR MEDICAL CARE. THIS INCLUDES ALL OF THAT WORK, OTHER THAN CARE OF PATIENTS ACTUALLY IN HOSPITALS.

IT PROVIDED MORE THAN 4290 VISITS TO HOMES BY PHYSICIANS, AND INCIDENTALLY, THE FAMILY HAS CHOICE OF PHYSICIAN; AND 4157 HOME VISITS BY NURSES OF THE VISITING NURSE ASSOCIATION. THE DOCTOR CALLS ARE ON A FEE BASIS DIRECTLY WITH THE DOCTOR. THE NURSE CALLS ARE ON A FEE BASIS BUT BILLED BY THE V.N.A.

WE CONDUCT A CITY DISPENSARY PROVIDING TREATMENT FOR PRACTICALLY EVERY CONDITION, WITH 69 695 TREATMENTS AND 74,134 FREE PRESCRIPTIONS. DENTAL CLINICS ARE PROVIDED, NOT ONLY FOR ADULTS BUT FOR ALL POOR CHILDREN IN THIS CITY, IN BOTH PUBLIC AND PAROCHIAL SCHOOLS. THOSE CHILDREN'S CLINICS ARE LOCATED IN TEN DIFFERENT PARTS OF THE CITY.

## INFANT MENTAL HYGIENE OUR CHILD HYGIENE

NURSES MADE 88,229 HOME CALLS AT WHICH THEY NOT ONLY SEE THAT THE MOTHERS HAVE THE SERVICES OF A PEDIATRICIAN, OR VISIT A BABY KEEP-WELL STATION NEARBY IF THEY CAN NOT AFFORD TO PAY A DOCTOR, BUT ALSO INSTRUCT AS TO DIET, SANITARY FEEDING METHODS, IMMUNIZATION AND MANY OTHER PHYSICAL MATTERS. THEY SUPERVISED 17,996 BABIES. THEY INSTRUCT MOTHERS SO THAT THEY MAY RECOGNIZE AND PROPERLY HANDLE UNUSUAL BEHAVIOR PROBLEMS, WHICH IF NOT HANDLED INTELLIGENTLY AND SCIENTIFICALLY, WOULD OFTEN RESULT IN JUVENILE DELINQUENCY AND WARPED ADULT PERSONALITIES.

ALL THESE NURSES HAVE COLLEGE TRAINING IN THAT SPECIAL FIELD. THIS ANTICIPATORY GUIDANCE PROGRAM IS BOTH BY INDIVIDUAL AND GROUP INSTRUCTION. IT IS PARTICULARLY IMPORTANT FOR INFANTS IN FOSTER HOMES, OF WHICH THERE IS, UNFORTUNATELY, A DEFINITE SHORTAGE OF HOMES WITH PROPER FACILITIES. ALL SUCH HOMES MUST BE APPROVED AND SUPERVISED BY US.

## FOOD HANDLER LECTURES TO PREVENT FOOD INFECTIONS

WE NOT ONLY INSPECT FOOD PLACES, BUT OUR DIVISION PROVIDES A COMPULSORY LECTURE COURSE FOR FOOD HANDLERS (4 1 HOUR LECTURES). ABOUT 1000 NEW WORKERS TAKE THE COURSE EACH YEAR. WE HAVE ALREADY INSTRUCTED OVER 10,000.

## SPANISH SPEAKING TRAINING THE GREAT INCREASE

IN SPANISH-SPEAKING FAMILIES (PUERTO RICANS) PROMPTED A LARGE GROUP OF CLINIC AND FIELD NURSES TO VOLUNTARILY TAKE A COURSE IN SPANISH, PAYING THEIR OWN FEE. WE ARE PROUD TO HAVE NURSES WITH THAT INTEREST IN THEIR WORK ONLY BY SUCH TRAINING CAN INSTRUCTIONS BE UNDERSTOOD BY THE MOTHERS AND PATIENTS.

## SLUM, PLUMBING & INDUSTRIAL UNDER THE NEW

ADMINISTRATION, JULY 1ST 1954, SEVERAL MAJOR CHANGES WERE INAUGURATED. THE PLUMBING AND THE BULK OF THE ENVIRONMENTAL SANITATION STAFFS WERE TRANSFERRED FROM THE HEALTH DIVISION TO A CENTRAL DIVISION OF INSPECTIONS WHICH HAD THEREFORE INCLUDED BUILDING INSPECTIONS, ETC. WE STILL RETAIN A SMALL STAFF TO REGULATE SANITATION (REHABILITATION OF STRUCTURES OR SLUM CLEARANCE WAS TRANSFERRED TO INSPECTIONS DIVISION) AS WAS ALSO THE WORK OF THE INDUSTRIAL HYGIENE BUREAU WITH SEVERAL INSPECTORS AND NURSES. THE TWO NURSES AND THEIR WORK HAVE BEEN RETURNED TO US. (SEE INDUSTRIAL HYGIENE REPORT.)

## GENERAL MORTALITY

DEATHS FROM ALL CAUSES NUMBERED 5,041 OR A CRUDE RATE OF 11.4 PER THOUSAND, WHICH IS A MARKED DECREASE FROM 5,192 AND 11.7 IN 1953. AS NEWARK IS A HOSPITAL CENTER FOR MANY COMMUNITIES, NON-RESIDENT DEATHS IN NEWARK FAR EXCEEDED THE DEATHS OF NEWARKERS DYING OUT OF TOWN. IF WE SUBTRACT 1,046 NON-RESIDENTS, WE HAVE AN ADJUSTED RATE OF 9.0, LOWEST ON RECORD.

## CRUDE AND ADJUSTED DEATH RATES

YEAR	POP IN 1000'S	CRUDE DEATHS	CRUDE RATE	ADJUST DEATHS	ADJ RATE
1940	429	5,025	11.7	4,762	11.1
1941	429	4,983	11.6	4,415	10.3
1942	429	5,090	11.9	4,659	10.8
1943	440	5,523	12.6	5,043	11.5
1944	440	5,052	11.6	4,595	10.3
1945	443	5,141	11.6	4,586	10.4
1946	443	4,937	11.1	4,395	9.9
1947	445	5,097	11.2	4,411	9.9
1948	445	5,222	11.7	4,392	9.8
1949	443	5,086	11.5	4,229	9.5
1950	443	5,126	11.5	4,292	9.6
1951	443	5,161	11.5	4,249	9.6
1952	440	5,411	12.3	4,515	10.2
1953	440	5,387	12.2	4,389	10.0
1954	443	5,089	11.5	4,027	9.1
1955	443	5,192	11.7	4,097	9.2
1956	443	5,041	11.4	3,995	9.0

## PRINCIPAL CAUSES OF DEATH

THE MAJOR CAUSES OF NEWARK DEATHS, INCLUDING NON-RESIDENTS AS WELL AS 22 TUBERCULOSIS DEATHS OF NEWARKERS IN OUT-OF-TOWN SANATORIA AND INCLUDED AS CRUDE DEATHS WERE AS FOLLOWS:

	1948	1951	1953	1954	1955	1956
ORG HEART DIS	1728	1805	1963	1936	2018	1921
CANCER	795	795	828	783	743	706
APOPLEXY	478	399	493	424	398	542
CONGENITAL COND	301	322	299	323	359	387
PNEU & RESP DIS	250	244	228	250	324	333
BRIGHT'S DIS	249	259	241	213	222	190
TUBERCULOSIS	211	169	97	68	68	72



TUBERCULOSIS THE 72 DEATHS FROM TUBERCULOSIS OF ALL FORMS, WAS ONLY 4 MORE THAN LAST YEAR WHEN A MORTALITY RATE OF 19.3 PER HUNDRED THOUSAND WAS THE LOWEST RATE IN OUR HISTORY. WHEN WE STARTED CONTROL WORK ABOUT 40 YEARS AGO, THAT RATE AVERAGED 200. HAD THAT FORMER RATE PREVAILED THIS YEAR, WE WOULD HAVE HAD 886 DEATHS INSTEAD OF 72. THE RATE IS PARTICULARLY ENCOURAGING AS IT IS A 75% FURTHER DROP SINCE USE OF CHEMO-THERAPY STARTED ONLY EIGHT YEARS AGO.

HEART DISEASE THE MAJOR CAUSE OF MORTALITY, AS USUAL, WAS ORGANIC HEART DISEASE WITH 1,921 DEATHS OR 40% OF ALL DEATHS. THIS IS A DECREASE OF 97 FROM THE PREVIOUS YEAR. THERE IS LITTLE DOUBT THAT THE INCREASE IN THIS MORTALITY IN RECENT YEARS, IS LARGELY DUE TO INCREASED LIFE SPAN. FOR INSTANCE 1,193 OF THE HEART DEATHS, OR 59%, WERE OVER 65 YEARS OF AGE. HYSTERIA AND WORRY, NATURALLY CONTRIBUTE. THIS CAUSE REACHED A PEAK WITH 663 IN 1918 AND THEN DROPPED FOR SEVERAL YEARS. THE DEPRESSION BROUGHT IT UP TO A NEW PEAK OF 1,047 IN 1929. WORLD WAR I BROUGHT IT TO THE HIGHEST EVER IN 1943 WITH 1975 AND THEN IT DROPPED TO 1,463 IN 1946. APPARENTLY PRESENT WORLD TENSION AND, OF COURSE, INCREASE IN OLD-AGE GROUPS HAVE BROUGHT IT UP AGAIN. THE USUAL SLIGHT FALL-OFF SHOWED IN 1956.

DIPHTHERIA THERE HAS BEEN NO DIPHTHERIA DEATH IN NEWARK IN 13 YEARS AND ONLY 1 CASE IN SEVEN YEARS. IN FACT WE HAVE HAD ONLY 20 CASES AND 1 DEATH IN 16 YEARS. THE ONE DEATH WAS AN IMMUNIZED CHILD WHO DEVELOPED THIS DISEASE A FEW WEEKS AFTER COMING TO NEWARK TO LIVE. ONLY 25 YEARS AGO THIS DISEASE CAUSED ALMOST 1000 CASES AND 100 DEATHS EVERY YEAR. ITS ELIMINATION HAS NOT BEEN DUE MERELY TO TOXOID OR REDUCED VIRULENCE. OUR CHILD HYGIENE NURSES URGE IMMUNIZATION AND OUR CONTAGIOUS DISEASE INSPECTORS MAKE THOUSANDS OF VISITS ANNUALLY TO INSURE COMPLETION OF FULL IMMUNIZATION SERIES. PRACTICALLY 100% OF ALL PRESCHOOL CHILDREN ARE IMMUNIZED, MOSTLY WITH WATER-BLAD COMBINING DIPHTH. COUGH & TETANUS.

TYPHOID FEVER A FORMER MAJOR CAUSE OF ILLNESS AND DEATH, BEFORE PURE WATER AND PASTEURIZED MILK, WAS TYPHOID. IT IS INTERESTING TO REPORT NO TYPHOID DEATH IN TEN YEARS AND ONLY 86 CASES IN THAT TIME, ALL OF THEM TRACED TO OUT-OF-TOWN INFECTION.

LONGER LIFE- AGE AT DEATH THAT WE ARE LIVING LONGER IS INDICATED BY STUDY OF AGE AT DEATH. IN 1956, 4,030 OUT OF A TOTAL OF 5,041 DEATHS, OR 80% WERE OVER 45 YRS OF AGE THIRTY YEARS AGO ONLY 46% HAD REACHED 45. THIS YEAR 46% OF DEATHS HAD PASSED 65, COMPARED WITH 22% 30 YRS AGO. IN OTHER WORDS, TWICE AS MANY NEWARKERS REACH 65 YEARS AS DID 30 YRS AGO.

MATERNAL MORTALITY

LOWEST EVER DEATHS OF MOTHERS AT TIME OF DELIVERY, NUMBERED ONLY 9 OUT OF 14,605 DELIVERIES (INCLUDING 311 STILLBIRTHS) AND NO SEPTICAEMIA OR TH. THIS GIVES A RATE OF 0.3 PER M DELIVERIES, THE LOWEST EVER RECORDED. INCIDENTALLY, IT IS 80% BELOW THE AVERAGE PRIOR TO 20 YEARS AGO WHEN THE MEDICAL SOCIETY FORMED A MATERNAL WELFARE COMMISSION TO ACTIVELY COOPERATE WITH OUR DIVISION. NOTE ONLY ONE SEPTICAEMIA DEATH IN SEVEN YEARS.

MATERNAL DEATHS BY CAUSE

CAUSE	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956
TOTAL MAT. DEATHS	26	18	12	16	12	7	16	10	13	6	3					
PURP. SEPTICAEMIA	5	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
ECTOPIC PREGN-NCY	2	3	-	-	2	-	2	2	-	1	-	-	-	-	-	-
PULMONARY EMBOLISM	-	-	1	2	-	-	-	1	1	-	-	-	-	-	-	-
CAESARIAN SECTION	1	-	1	-	-	3	1	-	-	-	-	-	-	-	-	-
SELF-INDUCED ABORTION	-	-	-	1	-	-	-	1	1	-	-	-	-	-	-	-
SPONT. MISC. "	2	-	-	1	-	1	2	-	1	1	-	-	-	-	-	-
ACC. PERIT. FOL PARTURICTION	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ECLAMPSIA	5	2	1	2	4	-	2	2	5	-	-	-	-	-	-	-
OTHER ACCID. OF PREG.	1	2	1	1	2	1	3	-	1	2	-	-	-	-	-	-
PLACENTA PRAEVIA	2	2	-	1	-	1	-	1	-	-	-	-	-	-	-	-
SPIN ANES NORM REM OF PLAC.	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
POST PARTUM HEMORRHAGE	2	5	4	3	1	2	2	-	1	-	-	-	-	-	-	-
ACCIDENTAL ABORT.	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-
SCHOCK FOR DEL. BREACH PRES.	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEM SHOCK SUP. JTER NORM DEL	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
TOXAEMIA OF PREGN-NCY	3	-	-	2	1	2	-	-	1	1	-	-	-	-	-	-
CRIMINAL ABORT (PUERPETA)	2	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-
CARDIAC CON. PREGN-NCY	-	-	-	1	1	-	-	-	1	-	-	-	-	-	-	-
LOBAR PNEUMONIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAT MORT PER 1000 DEL	2.6	1.5	0.8	1.1	0.9	0.5	1.1	0.7	0.9	0.4	0.2					



**ACCIDENT DEATHS** THERE WERE 195 ACCIDENTAL DEATHS, AN INCREASE OF .5, ACCIDENTAL DEATHS HAD BEEN STEADILY DROPPING FROM 1943 WHEN WE HAD 304 SUCH DEATHS. FALLS CAUSE MOST OF THE ACCIDENTAL DEATHS. AUTO AND MOTORCYCLE DEATHS INCREASED TO 67, OR 12 MORE THAN LAST YEAR, BUT STILL BELOW THE NORMAL OF TWENTY YEARS AGO.

#### ACCIDENTAL DEATHS BY PRINCIPAL CAUSES

YEAR	TOTAL	AUTO & MOTOR	ACC. FALLS	BURNS	ASPH. BEDDG	ALCO. HOL	CARB. MONOX	CRUSH	DROWN	ELEC.	HEAT EXHA.	ILL. GAS	R.R. & BUS	FIRE	DISC
1943	304	90	87	19	6	8	-	2	13	1	4	23	9	9	33
1944	270	77	92	14	3	9	-	2	5	2	7	26	5	9	19
1945	271	57	107	13	9	5	3	8	4	1	1	23	6	11	23
1946	234	66	90	12	8	2	3	6	5	3	1	15	2	8	15
1947	200	36	79	7	12	-	1	3	7	-	1	17	5	18	14
1948	212	40	78	11	12	2	1	7	18	-	8	14	2	10	9
1949	174	33	76	2	13	1	3	6	5	1	4	12	-	9	8
1950	194	40	84	10	4	-	3	1	9	3	-	13	5	9	13
1951	191	45	85	17	1	1	-	3	11	-	-	7	7	3	11
1952	226	50	90	9	4	-	-	3	8	1	23	9	1	8	14
1953	228	50	96	6	4	-	-	3	7	3	15	1	3	28	12
1954	179	35	90	8	6	-	2	1	3	1	-	8	2	17	7
1955	180	46	85	13	4	-	-	3	5	4	2	1	3	8	6
1956	195	67	80	8	10	-	5	-	2	1	-	1	5	10	6

#### BIRTH STATISTICS

CRUDE BIRTH RATE 32.9

ADJ. " " 22.6

THERE WERE 14,605 BIRTHS IN NEWARK IN 1956 OR A CRUDE RATE OF 32.9 PER THOUSAND POPULATION. THIS RATE, AFTER GRADUALLY DROPPING TO THE LOWEST EVER RECORDED OF 15.8 IN 1936, RAPIDLY AND STEADILY INCREASED TO THE RECORD HIGH IN 1947 WHEN WE HAD 14,710 BIRTHS OR A RATE OF 33.1 AND HAS REMAINED OVER 30 PER 1,000 FOR NINE YEARS.

THE FOLLOWING TABLE SHOWS THE TREND IN OUR BIRTH RATE AND IT IS INTERESTING TO NOTE THAT ALMOST 99% OF BABIES ARE NOW DELIVERED IN HOSPITALS. WE HAVE BEEN USING THE CRUDE RATE FOR MANY YEARS DUE TO DIFFICULTY IN ACCURATE ADJUSTMENT. NEWARK IS A HOSPITAL CENTER, HOWEVER, AND IN 1956 THERE WERE 5,636 NON-RESIDENT BIRTHS. IF WE SUBTRACT THESE AND ADD 1,094 NEWARKERS KNOWN TO BE BORN OUT-OF-TOWN, WE GET 10,003 OR AN ADJUSTED RATE OF ONLY 22.6. WE HAVE BEEN ABLE TO ADJUST THESE FIGURES FOR THE PAST FOURTEEN YEARS AND, THEREFORE, INCLUDE BOTH RATES IN FOLLOWING TABLE. NOTE 4% OF THIS YEAR'S BIRTHS WERE REPORTED AS ILLEGITIMATE.

TOTAL BIRTHS 14,605 WHITE 10,564 STILL BTHS 311  
 MALES 7,422 NEGRO 4,021 ILLEGIT. 921  
 FEMALES 7,183 YEL. 20

#### ANNUAL BIRTH DATA

YEAR	TOTAL	CRUDE B RATE	ADJ BTHS & RATE	HOSP DEL	HOME BIRTHS
1936	7,236	15.8		6,025	433 778
1937	7,659	16.7		6,682	372 603
1938	7,936	17.3		7,106	287 546
1939	7,950	17.3		7,315	234 501
1940	8,538	19.9		7,952	185 501
1941	9,765	22.8	7,103 16.5	9,282	158 325
1942	12,016	28.0	8,600 20.0	11,479	161 376
1943	14,856	26.9	8,428 19.1	11,230	194 432
1944	10,792	24.5	7,660 17.4	10,306	156 330
1945	14,254	25.4	7,888 18.3	10,667	114 273
1946	13,427	30.3	9,980 20.3	13,094	106 225
1947	14,710	33.1	10,200 22.7	14,419	80 211
1948	13,703	30.8	9,300 20.9	13,434	46 229
1949	13,409	30.3	9,000 20.3	13,174	43 192
1950	13,174	29.7	8,600 20.4	12,959	31 22
1951	14,020	31.6	8,900 20.1	13,850	37 133
1952	13,968	31.7	9,050 20.6	13,783	24 161
1953	14,116	32.1	9,321 22.1	13,961	22 153
1954	14,404	32.5	9,708 21.9	14,246	23 135
1955	14,343	32.4	9,847 22.2	14,181	21 141
1956	14,605	32.9	10,003 22.6	14,426	19 160

#### FREEDOM FROM CONTAGION

THERE WAS NO PREVALENCE OF ANY CONTAGIOUS DISEASE DURING 1956. THE ADJOINING TABLE COMPARES THE 1956 CASES AND DEATHS WITH THE ELEVEN-YEAR NORMAL FOR EACH DISEASE. NOTE NO DEATH FROM SCARLET FEVER. THIS DISEASE HAS STEADILY DECLINED IN VIRULENCE. IT AVERAGED 19 DEATHS PER 1000 CASES 35 YEARS AGO YET IN THE PAST 11 YEARS ONLY 1 DEATH OUT OF 2860 CASES.

#### DISEASE

	1956 CASES	1956 DTHS	11 YR NORM CASES	11 YR NORM DTHS
DIPHTHERIA	0	0	1	0
SCARLET FEVER	216	0	433	0
EPIDEMIC MENING.	8	2	11	3
WHOOPING COUGH	84	0	296	0
INFANTILE PAR.	9	0	29	3
MEASLES	1379	0	9536	0





## NEGRO HEALTH STATISTICS

THE 1956 ESTIMATED NEGRO POPULATION IS 85,000. FORMERLY ESTIMATED AS APPROXIMATELY 10% OF THE TOTAL POPULATION, WE LEARNED, BY THE OFFICIAL CENSUS REPORT, THAT IN 1940 THE FIGURE WAS 75,266, OR 18% OF THE TOTAL. ALLOWING FOR NATURAL NEWBORN BIRTHS OVER DEATHS, WE MUST HAVE AT LEAST 85,000. THE NATURAL INCREASE SINCE 1940 HAS BEEN 9000, AS REFLECTED BY THE 1950 CENSUS. AS OF NOW AND HAVE INCREASED OUR 1957 ESTIMATE TO 90,000. THIS GROUP, DUE TO UNFORTUNATE HOLDING HAND CAPS, NATURALLY REFLECTS HIGHER MORTALITY RATES, AS WOULD BE THE CASE IN ANY SUB-PAR AREAS ESPECIALLY THE SLUM SECTIONS.

A STUDY OF THE PAST TWENTY YEARS, HOWEVER, IS REMARKABLE. THE TUBERCULOSIS MORTALITY RATE, ALTHOUGH HIGH, AS EXPLAINED, HAS BEEN REDUCED FROM 388 PER 100 TO 41.2, OR A PHENOMENAL DROP OF 90%. THE DROP IN TEN YEARS HAS BEEN 75%. INFANT MORTALITY IN 20 YEARS HAS FALLEN FROM 89.5 TO 47.9 OR 45% REDUCTION.

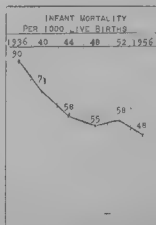
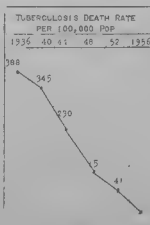
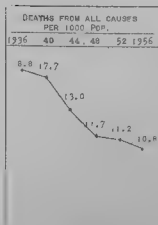
THE GENERAL DEATH RATE FROM ALL CAUSES HAS DROPPED FROM 17.7 IN 1940 TO 10.8 OR A REDUCTION OF 39%. FOR THE PAST FOUR YEARS IT HAS BEEN PRACTICALLY THE SAME AS FOR THE TOTAL POPULATION. THERE WERE ONLY TWO MATERNAL DEATHS AND A RATE OF 0.5 PER 100 DELIVERIES WITH NO PUERPERAL SEPTICEMIA DEATH IN SEVEN YEARS.

NEGRO BIRTHS TOTALLED 4031, OR A CRUDE RATE OF 47.3, THE HIGHEST EVER RECORDED, AND CONFIRMS OUR CONVICTION THAT OUR ESTIMATE OF POPULATION IS STILL TOO SMALL.

### INTERESTING HEALTH FIGURES (21 YEARS)

YEAR	POP IN 1000'S	DEATHS	MORT RATE	BIRTHS	BIRTH RATE	TB DEATHS	TB MORT	INFANT DEATHS	INFANT T. RATE	SEPT	MATERNAL DEATHS TOTAL	RATE PER 100
1936	42	789	18.8	883	21.0	163	388.1	79	89.5	2	8	9.1
1938	43	690	16.0	997	23.2	131	304.7	62	62.2	1	4	4.0
1940	40	695	17.7	1043	26.1	138	345.0	74	70.9	1	10	10.0
1942	44	721	16.4	1277	28.3	125	284.1	69	54.5	0	1	1.0
1944	52	679	13.0	1326	25.4	119	229.1	76	57.3	0	2	1.6
1946	60	678	11.3	1595	26.6	122	203.3	87	54.5	1	5	3.1
1948	68	805	11.7	2225	32.7	103	151.5	123	53.3	0	2	0.9
1950	76	845	11.1	2344	30.9	98	129.0	118	49.9	0	5	2.1
1951	78	826	10.6	2590	33.2	83	106.4	109	42.1	0	1	0.4
1952	80	896	11.2	2659	31.9	79	98.7	153	57.5	0	8	3.0
1953	80	907	11.3	2917	36.5	49	61.2	119	40.8	0	2	0.7
1954	80	878	11.0	3245	40.6	36	45.0	149	45.9	0	6	1.8
1955	83	976	11.8	3630	43.7	43	51.8	172	47.4	0	3	0.8
1956	85	921	10.8	4021	47.3	35	41.2	189	47.9	0	2	0.8

### A GRAPH OFTEN TELLS THE STORY BETTER THAN FIGURES





DR. NESTOR TILL  
ROBERT F. JORGAN ASST. HEALTH OFFICER

THE ADMINISTRATIVE OR EXECUTIVE BUREAU PROVIDES THE GENERAL ADMINISTRATIVE FUNCTIONS OF THE ENTIRE DIVISION FOR THE HEALTH OFFICER. THIS INCLUDES ACCOUNTING, VITAL STATISTICS, PUBLICITY AND HEALTH EDUCATION, PERSONNEL RECORDS AND ASSIGNMENTS, GENERAL MAINTENANCE AND CLEANING, PRINTING AND MULTIGRAPHING, MONTHLY AND ANNUAL REPORTS, DIVISIONAL INSTRUCTION, INQUIRIES, ETC.

VITAL STATISTICS DURING 1956, THE HEALTH OFFICER WAS OFFICIALLY MADE REGISTRAR OF VITAL STATISTICS INSTEAD OF THE CITY CLERK AS HERETOFORE, AND A STAFF OF CLERICAL WORKERS WAS TRANSFERRED TO THE HEALTH DIVISION. MOST OF THAT GROUP ARE STILL AT THE CITY HALL, DUE TO SPACE NEEDED FOR THE MANY OLD RECORD BOOKS.

THAT SMALL GROUP RECEIVED 16,784 BIRTH, 5,107 DEATH AND 4,453 MARRIAGE CERTIFICATES DURING THE YEAR. THEY PREPARE REFERENCE CARDS FOR EACH, MICRO-FILM ALL OF THEM, AND SEND THE CERTIFICATES TO STATE DEPT. OF VITAL STATISTICS. THEY THEN PREPARE INDIVIDUAL RECORDS FOR EVERY BIRTH WHICH ARE DELIVERED BY HEALTH NURSES TO NEWBORN BABIES. PHOTOSTAT COPIES ARE MAILED TO OTHER CITIES FOR ALL 5,606 NON-RESIDENT CASES.

THEY ISSUE A BURIAL PERMIT FOR EVERY DEATH. IN ADDITION TO ALL THIS ROUTINE WORK THEY MUST SEARCH, OFTEN WITH GREAT DIFFICULTY FOR OLD BIRTH AND DEATH RECORDS, WHICH UNTIL MICRO-FILMING STARTED A FEW YEARS AGO, WERE HAND-WRITTEN IN LARGE OLD BOUND BOOKS, MANY OF WHICH ARE DETERIORATED AND MANY OF THE ENTRIES WERE INACCURATE IN THE BEGINNING. FOLLOWING ARE THE RECORDS ISSUED AFTER SEARCH, IN ADDITION TO THE AUTOMATIC ROUTINE RECORDS ABOVE.

	\$1.00 FEE	NO FEE*	TOTAL
BIRTH RECORDS	8,500	3,950	12,450
DEATH RECORDS	16,961	1,960	18,921
MARRIAGE "	2,840	960	3,800
TOTALS	28,301	6,870	35,172

\* FREE RECORDS ARE FOR VETERANS, SCHOOL PENSION AND OFFICIAL AGENCIES.

VISUAL HEALTH EDUCATION OUR HEALTH EDUCATION PIERCE FELLOWS, ACTING SUPERVISOR, WORK IS AIDED THROUGH THE

FOLLOWING MEDIA: TAKING AND PROCESSING PHOTOGRAPHS, SLIDES AND MOTION PICTURES; PRODUCTION OF SOUND-SLIDE SEQUENCES SUCH AS A SERIES WE CALL "NEWARK'S HEALTH DEPARTMENT", DESCRIBING OUR ACTIVITIES; A HOME SIGHT SLIDE SEQUENCE ENTITLED "S. FEGUARD NEWARK'S HOMES" AND HEALTH EXHIBIT DISPLAYS. OPERATION OF COMPULSORY SCHOOL FOR FOOD-HANDLERS INCLUDING 4 1-HOUR LECTURES INCLUDING FILM, QUIZZES ETC. PRESENT FILMS AND SLIDES FOR LECTURERS AT CIVIC CLUBS, PTAs, ETC, RADIO PROGRAMS.

MAINTENANCE CLEANING, HEATING AND GENERAL MAINTENANCE IS PROVIDED FOR THE MAIN BUILDING AND THREE NEARBY ANNEXES, AS WELL AS CONSIDERABLE MAINTENANCE FOR 26 OUTSIDE CLINICS USED FOR BABY-KEEP WELL STATIONS, TUBERCULOSIS EXAMINATIONS, DENTAL CLINICS ETC. IT INCLUDES ELEVATOR OPERATION, NIGHT WATCH-SERVICE, ETC.

LEGAL WORK  
ALTON GOODMAN AS, LLS  
COMP. PROC. OFFICER

ALTHOUGH THE CITY LAW DEPARTMENT HANDLES LEGAL WORK FOR ALL CITY DEPARTMENTS, OUR WORK IS GREATLY AIDED BY OUR COMPLAINT PROCESSING OFFICER WHO IS A QUALIFIED LAWYER, WITH HEALTH WORK EXPERIENCE. HE IS PRESENT AT ALL BUREAU HEARINGS WHERE CASES ARE DISCUSSED BEFORE THE HEALTH OFFICER WHO AFTER HEARING BOTH SIDES CAN GRANT EXTENSIONS OF TIME AND OFTEN SECURE VOLUNTARY CONSENT TO DO NEEDED WORK. IT GREATLY REDUCES THE NECESSARY COURT CASES, PAPERS FOR WHICH ARE PREPARED BY OUR OFFICER. DURING 1956, 1270 CASES WENT TO COURT. IN ADDITION TO ABATEMENTS SECURED, \$9,645 IN PENALTIES WAS COLLECTED. OUR OFFICER ALSO PROCESSED FOR LEGAL ACTION THE COMPLAINTS ARISING FROM THE SLUM AND PLUMBING BUREAUS, NOW PART OF THE CITY INSPECTION DIVISION.

HEALTH ENGINEERING  
JACOB BLOCK, ES, PH  
PUBLIC HEALTH ENGINEER

OUR PUBLIC HEALTH ENGINEER ACTS AS CONSULTANT TO THE HEALTH OFFICER IN THE MANY ENGINEERING PHASES OF OUR WORK. HE ALSO ACTIVELY SUPERVISES MANY SPECIAL PROJECTS AND SURVEYS. SWIMMING POOLS ON SEPTEMBER 27, 1956, THE STATE SWIMMING POOL CODE BECAME EFFECTIVE BY LOCAL ORDINANCE. THERE ARE 16 POOLS IN REGULAR OPERATION, INCLUDING 5 OPERATED BY THE CITY. A SURVEY OF EACH POOL, BEFORE LICENSING, DISCLOSED MANY VIOLATIONS, AS FOLLOWS, WHICH HAVE BEEN ABATED:

CROSS-CONNECTIONS	7	DEFECTIVE PLASTER	2
LACK OF RINGS & ROPS	5	TERMINALS CEIL	2
LACK OF POLES	5	PEELING PAINT ON	
INADEQUATE RESID. CHLOR		WALLS / CEILINGS	2
& PH TEST KITS	5		

WE HAVE INaugURATED WEEKLY INSPECTIONS INCLUDING POOL-SIDE TESTS FOR RESIDUAL CHLORINE AND PH PARTIALLY AS A CHECK ON THE ACCURACY OF THE DAILY OPERATING RECORDS REQUIRED TO BE SUBMITTED TO US MONTHLY.

THE VALUE OF THIS NEW LICENSING AND INSPECTION CODE IS SHOWN BY THE NUMBER OF CROSS-CONNECTIONS ELIMINATED, VIOLATIONS OF THE SANITARY CODE ABATED AND IMPROVED QUALITY OF INTELLIGENT OPERATION DUE TO OUR INSTRUCTION, CONSULTATIONS AND INSPECTIONS NOW IN FORCE.

WELLS A SURVEY OF ALL 266 CITY WELLS AND ANALYSES OF THE WATER WAS COMPLETED THIS YEAR AND RESULTS SUBMITTED TO THE DIVISION OF WATER, OUR CIVIL DEFENSE UNIT AND THE STATE GEOLOGIST. ONLY 192 WELLS ARE IN USE; 57 WITH ONE OR MORE CROSS-CONNECTIONS, 29 OF WHICH WERE ILLEGAL AND HAVE BEEN REMOVED. RATES OF FLOW WERE SECURED WHERE KNOWN.



# ELLS-COMT--

ONLY 41 WELLS PROVIDED POTABLE WATER, POTABILITY BASED HOWEVER, ON ONLY ONE CHEMICAL AND BACTERIOLOGICAL ANALYSIS. THE WATER FROM 14 WELLS, POTABLE BACTERIOLOGICALLY AND USED FOR DRINKING PURPOSES, WILL BE ANALYZED REGULARLY HEREAFTER, AS IS ALL CITY DRINKING WATER. WE ARE RECOMMENDING AN ORDINANCE REQUIRING PERMITS AND INSPECTIONS OF ALL WELLS.

RI GREEED POLLEN & POISON IVY A PROGRAM OF RAG-VEED POLLEN AND POISON IVY CONTROL WAS CARRIED OUT. WE SPRAYED WITH 1/10 OF 1% SOLUTION OF 2,4-D AND 2,4,5-T AS WE DID IN 1955. THE ATMOSPHERIC POLLEN CONCENTRATIONS WERE LOWER THIS YEAR, PROBABLY DUE TO CONSIDERABLE RAIN DURING THE POLLEN SEASON. IN THE 1956 SEASONAL REPORTS FOR COMMUNITIES RECORDING SUCH CONCENTRATIONS, ONLY JERSEY CITY HAD A LOWER AVERAGE COUNT THAN NEWARK AND WE TIED WITH ASBURY PARK 6 PER SQ. CM.

OCCUPATIONAL-MEDICAL & NURSING EARLY IN 1956, THE MEDICAL AND NURSING ACTIVITIES IN INDUSTRY WERE RETURNED TO THIS DIVISION. THE TWO NURSES SURVEY AND MAKE RECOMMENDATIONS, SERVE VIOLATION NOTICES AND OFFER ASSISTANCE IN WORKER HEALTH PROGRAMS. LITERATURE AND POSTERS SUPPLIED BY VOLUNTEER ORGANIZATIONS, AND COPIES OF SECTION 15.574 OF OUR SANITARY CODE ON REQUIRED OCCUPATIONAL MEDICAL PROVISIONS, ARE LEFT WITH EACH PLANT SURVEYED.

OUR NURSES ALSO DISCUSS POSITIVE HEALTH PROMOT ON PROGRAMS WITH MANAGEMENT AND THE DOCTOR AND NURSE, WHEN THE LATTER ARE IN THE ORGANIZATION. HEALTH AND SAFETY FILLS ARE OFFERED FREE OF CHARGE. THE FUNCTIONING OF A SAFETY COMMITTEE, THE TRAINING OF FIRST-AID WORKERS, THE NEED OF A PLANT NURSE AND/OR DOCTOR, AND COMPLIANCE WITH ORDINANCE REQUIREMENTS ARE DISCUSSED.

A FIVE-MONTH CHEST XRAY CASE-FINDING PROGRAM IN INDUSTRY, USING STATE MOBILE UNIT WAS COMPLETED MARCH 27, 1956. WE FOUND 718 WITH SUSPICIOUS TUBERCULOSIS; 233 HEART CONDITIONS AND 122 OTHER LUNG DISEASES INCLUDING CANCER. A SIMILAR CAMPAIGN IS PLANNED FOR 1957. TOTAL PLANT EMPLOYEES 30348; XRAY'D 14,312.

A NEWARK DIABETIS DETECTION DRIVE, USING "DRY-PAKS" WAS STARTED BY STATE HEALTH DEPT IN NOVEMBER. WE CO-OPERATED DELIVERING 5835 DRY-PAKS TO 14 INDUSTRIAL PLANTS. THE RESULTS ARE NOT KNOWN AS YET.

## OTHER NURSE ACTIVITIES

TOTAL PLANTS SURVEYED	-	836
FOLLOW-UP, REQUEST & OTHER VISITS	-	632
TOTAL VISITS	768	
RECOMMENDATIONS GIVEN	-	669
" COMPLIED WITH	-	195

## FINANCIAL STATEMENT

	BUDGETED	EXPENDED
PERSONAL SERV (LAL)	\$1,674,295	\$1,610,185
OTHER THAN SALARIES	156,527	151,125
TOTAL	1,830,832	1,761,310

## EXPENDITURES (OTHER THAN SALARY)

DOCTOR HOME CALLS (SICK POOR)	\$11,500
NURSE " " " VNA	14,000
DRUGS & CHEMICALS	29,984
CLIN & SURG REPAIRS	6,919
DENT SUPP & EQUIPMENT	2,330
LAB SUPP & EQUIP	7,660
X RAY FILM & SUPP	8,255
POLIO IMM (DOCTOR FEES)	2,300
MILK & FOOD SAMPLES	1,754
CLEANING HEALTH STATIONS	1,861
IN-SERVICE TRAINING (VIS. AID)	1,500
ADMINISTRATIVE EQUIPMENT	855
TELEPHONE SERVICE	10,620
POSTAGE	4,276
PRINTING & STATIONERY	7,518
CARFARE & TRAVEL EXPENSE	8,439
JANITOR SUPPLIES	3,500
LIGHT & HEAT	10,327
RENTAL-ANNEXES & HEALTH STATIONS	15,826
MISCELLANEOUS	1,701

TOTAL EXPENDITURES -- \$151,125

## RECEIPTS

NOTE: THESE ARE DEPOSITED TO CITY MISCELL RECEIPTS AND NOT REFLECTED IN OUR HEALTH DIVISION BUDGET

PERMITS; CHICKEN, ANIMAL, PLTRY ETC	\$982.40
LICENSES; ICE, MILK, MEAT PLANT ETC	9925.00
REFUND OF STATE POLEO FUNDS	7080.64
FEES; OUT OF TOWN LAB EXAMS	944.00
" FOR SPECIAL INSPECTIONS	14.00
BOTTLE SALES	229.04
SALE OF SCORE PADS	24.00
" POSTAGE STAMPS, PHONE CALLS ETC	22.21
TOTAL	\$18,221.29

\*\*\*\*\*

A SEPARATE "DAIRY INSPECT ON ACCOUNT" IS MAINTAINED FOR COST OF OUT-OF-TOWN INSPECTIONS. IT IS MAINTAINED BY DEALERS SERVED. 1956 EXPEND 21,009 BAL 1/57 212,041

\*\*\*\*\*

DOG CONTROL ACCOUNT HAS ADJ TORIS OFFICE ALSO MAINTAINING A SEPARATE "DOG CONTROL ACCOUNT. THE RECEIPTS FOR LICENSES, ETC PAY ALL COSTS EXCEPT SALARIES IN THIS WORK.

RECEIPTS	DISBURSED
12085 DOG LIC	27,191
12 PET SHOP LIC	120
1 KENNEL LIC	25
FEES-DOG REDEMP.	1445
28781 NETS, P STAGE	1363
TOTAL	\$18,001

INCREASE IN FUND 1956 \$10,380



## MORTALITY TRENDS FOR 50 YEARS

YEAR	POPULATION 1900'S	GROSS DEATHS	GROSS DEATH RATE PER 1000	RATES PER 100,000		DIPHTHERIA
				SCARLET FEVER	TYPHOID FEVER	
1907	300	5,724	19.08	13.7	23.0	3.7
1908	305	5,207	17.07	29.2	11.5	2.6
1909	311	5,529	17.77	22.5	2.5	38.
1910	347	5,764	16.64	1.2	2.7	29.9
1911	352	5,337	15.16	5.0	0.5	11.0
1912	370	5,423	14.65	5.0	7.0	24.6
1913	380	5,562	14.63	5.9	7.9	28.7
1914	395	5,809	14.70	5.8	5.6	0.4
1915	375	5,382	14.30	1.6	2.3	3.1
1916	385	6,357	16.50	1.8	6.0	14.8
1917	405	6,205	15.30	0.7	4.2	12.3
1918	430	8,483	19.72	2.6	3.5	9.1
1919	440	5,534	12.57	2.7	2.0	1.7
1920	414	5,551	13.40	2.9	1.9	4.9
1921	425	4,774	11.24	5.9	2.8	0.4
1922	432	5,209	12.06	3.5	2.8	16.9
1923	439	5,221	11.67	1.1	2.5	7.7
1924	446	5,004	11.22	1.8	2.7	6.7
1925	453	5,510	11.67	2.0	1.1	9.3
1926	460	5,450	11.85	.3	1.5	4.0
1927	467	5,086	10.90	2.4	1.3	13.3
1928	474	5,512	11.63	.3	0	20.0
1929	480	5,632	11.74	0.8	0.6	20.0
1930	440	5,239	11.92	0.7	0.2	10.9
1931	445	5,073	11.40	2.0	3.5	3.4
1932	450	4,682	10.40	0.7	0.9	0.5
1933	452	4,930	10.91	0.9	0.7	0.2
1934	454	4,764	10.49	0.4	0.2	0.2
1935	455	4,936	10.56	0.2	0.0	0.2
1936	457	5,331	11.68	.5	0.2	NONE
1937	458	5,061	11.00	0.4	0.0	0.2
1938	458	4,970	10.85	0.2	0.1	0.2
1939	459	4,855	10.58	0.9	0.9	0.2
1940	429	5,025	11.71	NONE	NONE	NONE
1941	429	5,127	11.62	NONE	NONE	NONE
1942	429	5,256	11.86	0.7	NONE	NONE
1943	440	5,702	12.55	0.2	NONE	0.2
1944	440	5,201	11.48	0.2	NONE	NONE
1945	443	5,292	11.60	0.1	0.4	NONE
1946	443	4,937	11.14	NONE	NONE	NONE
1947	445	5,097	11.54	NONE	NONE	NONE
1948	445	5,087	11.43	NONE	NONE	NONE
1949	443	4,983	11.25	NONE	NONE	NONE
1950	443	5,126	11.57	NONE	NONE	NONE
1951	443	5,161	11.46	NONE	NONE	NONE
1952	440	5,411	12.14	0.2	NONE	NONE
1953	440	5,387	12.18	NONE	NONE	NONE
1954	443	5,089	11.49	NONE	NONE	NONE
1955	443	5,192	11.74	NONE	NONE	NONE
1956	443	5,041	11.38	NONE	NONE	NONE





OTHER INTERESTING HEALTH TRENDS 1918-1956

YEAR	DEATHS UNDER 1 YR	INFANT MORTAL ITY**	BIRTHS	DIARR. BIRTH DEATHS RATE	UND 5	T.B. DEATHS*	T.B. OTH RATE	DIPH THERIA DTHS	TYPH DTHS	BPT'S DIS DTHS	ORG HEART DTHS
1918	1215	104.7	11,575	27.0	331	798	185.6	82	15	629	633
1919	862	76.2	11,297	25.7	295	637	144.8	50	9	504	529
1920	994	84.7	11,734	28.3	244	540	130.4	62	8	507	492
1921	837	71.5	11,704	27.5	210	446	104.9	44	12	417	510
1922	825	74.8	10,993	25.4	167	428	99.1	73	12	346	640
1923	756	68.0	11,110	25.3	133	406	92.5	34	11	340	727
1924	746	65.2	11,449	25.7	132	392	87.9	39	12	399	729
1925	746	68.7	10,852	24.0	129	378	83.4	42	5	343	850
1926	753	71.9	10,460	22.7	128	421	91.5	21	7	331	948
1927	634	63.3	10,010	21.5	82	387	82.9	62	6	266	1019
1928	626	63.8	9,802	20.7	78	412	86.9	95	5	298	1002
1929	594	59.6	9,975	20.7	52	441	91.8	96	5	258	1017
1930	512	52.3	9,784	22.2	45	445	101.0	48	1	244	1005
1931	491	52.3	9,506	21.4	36	412	92.4	16	2	224	980
1932	371	42.3	8,746	19.4	16	360	80.0	2	4	242	958
1933	356	45.1	7,897	17.6	18	388	85.8	1	2	228	1091
1934	342	45.2	7,565	16.7	23	317	69.8	1	1	227	1082
1935	417	54.6	7,638	16.8	24	316	69.4	1	0	201	1118
1936	332	45.9	7,236	15.8	16	346	75.7	0	1	214	1162
1937	287	37.6	7,659	16.7	32	301	65.8	1	0	168	1158
1938	310	39.1	7,936	17.3	12	287	62.7	1	2	149	1201
1939	303	38.1	7,950	17.3	20	277	60.3	1	4	154	1240
1940	300	35.1	8,538	19.9	14	309	71.9	0	0	124	1360
1941	318	32.6	9,765	22.8	13	274	63.9	0	0	222	1530
1942	352	29.3	12,016	28.0	12	288	66.1	0	0	223	1756
1943	367	30.9	11,856	26.9	15	294	66.8	1	0	276	1975
1944	375	34.7	10,792	24.5	23	257	58.4	0	0	271	1744
1945	390	34.7	11,254	25.4	10	247	55.8	0	2	274	1764
1946	416	30.9	13,427	30.3	3	261	59.0	0	0	245	1663
1947	429	29.2	14,710	33.1	13	259	58.2	0	0	281	1724
1948	388	28.3	13,703	30.8	2	232	52.1	0	0	276	1804
1949	389	29.0	13,409	30.3	11	211	47.6	0	0	249	1728
1950	357	27.1	13,174	29.7	8	209	42.2	0	0	246	1862
1951	379	27.0	14,020	31.6	2	169	38.1	0	0	259	1805
1952	405	29.0	13,968	31.7	6	152	34.5	0	0	298	1857
1953	364	25.8	14,116	32.1	6	97	22.0	0	0	241	1963
1954	412	28.6	14,404	32.5	12	68	15.3	0	0	213	1936
1955	426	29.7	14,343	32.4	13	68	15.3	0	0	222	2018
1956	448	30.7	14,605	32.9	2	72	16.2	0	0	190	1921

\* INCLUDES NEWARK RESIDENTS WHO DIED OUT-OF-TOWN \*\*FOR NEONATAL RATE SEE OTHER BIRTH TRENDS.

DEATHS FROM SELECTED CAUSES BY AGE IN 1956 (WITH AGE % OF TOTALS)

CAUSE OF DEATH	TOTAL DEATHS			DEATHS		DEATHS		DEATHS		DEATHS	
	DEATHS	UND 5	%	5 - 24	%	25--44	%	45--64	%	OVER 65	%
TOTAL (ALL CAUSES)	5041	498	9.7	104	2.1	417	8.3	1672	33.2	2598	46.8
EARLY INFANCY	387	387									
DIARRHOEAL DIS UND 5	3	3									
PNEU & OTHER RESP	393	44	13.2	12	3.6	30	9.0	87	26.1	160	48.0
PULM. TUBERC.	60	2	3.3	1	1.7	24	40.0	19	31.7	14	26.7
BRIGHT'S DISEASE	190	3	1.6	4	2.1	20	10.5	75	39.5	90	47.4
CANCER	706	3	0.4	10	1.4	57	8.1	348	49.3	288	40.8
APROPLEX	542	2	0.4	5	1.0	31	5.7	176	32.5	328	60.5
ORG. N.C. HEART DIS	1721	-	-	10	0.5	99	5.2	679	35.3	1133	59.0
ACCIDENTS	195	16	8.2	15	7.7	39	20.0	50	25.6	75	38.5



TOTAL DEATHS BY AGE GROUPS 1918 - 1956

YEAR	TOTAL DEATHS	UNDER 1 YR.	1 AND UND 2	2 AND UND 5	TOTAL UND 5	5-14	15-24	25-44	45-64	OVER 65
1918	8484	1215	433	434	2082	314	780	2308	1754	1245
1919	5534	862	190	186	1238	249	345	1204	1376	1122
1920	5551	994	253	192	1439	220	327	1041	1379	1145
1921	4776	837	136	134	1107	194	248	910	1256	1061
1922	5209	822	198	166	1186	232	268	925	1414	1184
1923	5221	756	163	136	1055	196	305	872	1503	1290
1924	5111	746	130	139	1015	199	268	975	1470	1184
1925	5447	746	132	144	1022	206	273	1018	1640	1288
1926	5606	753	187	158	1098	156	277	1015	1618	1442
1927	5296	636	109	112	857	210	277	974	1724	1254
1928	5735	626	156	186	968	245	304	1002	1794	1422
1929	5857	594	104	152	850	192	308	1162	1768	1577
1930	5447	512	83	119	714	188	327	1037	1788	1393
1931	5306	490	64	98	652	172	252	1025	1747	1458
1932	4850	371	44	79	485	128	228	890	1677	1442
1933	5128	356	68	96	520	141	215	914	1775	1563
1934	4921	342	54	54	450	117	192	824	1779	1559
1935	4996	417	46	60	523	117	190	864	1788	1514
1936	5331	332	45	45	422	116	208	861	1892	1832
1937	5256	287	51	61	400	115	202	812	1877	1850
1938	5116	310	29	45	384	86	179	751	1845	1871
1939	5005	303	23	34	350	97	168	704	1777	1909
1940	5207	300	26	33	359	55	168	703	1934	1988
1941	5127	318	30	34	382	62	138	639	1948	1958
1942	5256	352	25	36	413	50	151	682	1935	2025
1943	5702	367	24	44	435	66	148	660	2074	2313
1944	5201	375	24	29	428	67	113	618	1904	2071
1945	5292	390	24	31	445	75	124	564	1933	2151
1946	5078	416	14	31	461	51	112	561	1810	2083
1947	5238	429	24	33	486	32	98	591	1898	2153
1948	5222	388	22	21	431	29	73	502	1949	2237
1949	5086	389	22	28	439	33	86	472	1825	2231
1950	5209	357	22	24	403	25	84	515	1928	2254
1951	5161	379	19	29	427	38	56	495	1855	2290
1952	5411	405	15	28	448	37	61	538	1956	2372
1953	5387	364	24	33	421	39	55	493	1906	2473
1954	5089	412	22	29	465	24	46	456	1788	2309
1955	5192	426	27	29	482	33	54	460	1768	2395
1956	5021	448	17	23	490	42	62	417	1672	2358

NOTE: TOTAL DEATHS INCLUDES ALL DEATHS IN NEWARK BOTH RESIDENT AND NON-RESIDENT, AS WELL AS DEATHS OF NEWARKERS AT OUT-OF-TOWN INSTITUTIONS.



DEATHS AND DEATH RATES BY CAUSE AND COLOR 1955-1956

		T O T A L				N E G R O			
		1955		1956		1955		1956	
		RATE	DEATHS	RATE	DEATHS	RATE	DEATHS	RATE	DEATHS
TOTAL - ALL CAUSES	-	11.7	5192	11.4	5041	11.8	976	10.8	921
SEPTICEMIA	-	2.3	10	2.7	12	1.2	1	4.7	4
PERITONITIS	-	**	**	5.6	25	**	**	3.5	3
LEUCEMIA	-	**	**	7.7	34	**	**	5.9	5
PULM. EMB. & INFARCTION	-	**	**	12.6	56	**	**	10.6	9
INFANTILE PARALYSIS	-	0.7	3	0	0	0	0	0	0
TYPHOID FEVER	-	0	0	0	0	0	0	0	0
ERYSIPELAS	-	0	0	0	0	0	0	0	0
MEASLES	-	0	0	0	0	0	0	0	0
TETANUS	-	0	0	0	0	0	0	0	0
SCHARLET FEVER	-	0	0	0	0	0	0	0	0
CHUMPS	-	0	0	0	0	0	0	0	0
DIPHTHERIA	-	0	0	0	0	0	0	0	0
HOOPING COUGH	-	0	0	0	0	0	0	0	0
INFLUENZA	-	0	0	0.2	1	0	0	0	0
EPIDEMIC MENINGITIS	-	1.1	5	0.5	2	2.4	2	0	0
OTHER EPID. DISEASES	-	0	0	0.1	1	0	0	1.2	1
TUBERCULOSIS (LUNG)	-	13.1	58	13.6	60	43.2	36	34.1	29
" MENING.	-	0.4	2	1.8	8	2.4	2	5.9	5
" OTHER FORMS	-	1.8	8	0.9	4	6.2	5	1.2	1
CANCER -MALIGNANT TUMOR	-	167.7	743	159.4	706	117.6	98	100.0	85
SIMPLE MENINGITIS	-	2.5	11	1.6	7	6.2	5	3.5	3
APOPLEXIA -SOFT OF BRAIN	-	80.6	398	122.1	542	68.1	57	110.1	94
ORGANIC HEART	-	455.5	2018	439.6	1921	342.0	285	290.6	247
LOWER PNEUMONIA	-	12.9	57	1.3	50	26.1	22	15.3	13
BRONCHO PNEUMONIA	-	20.9	93	28.2	125	40.8	34	47.1	40
OTHER RESPIRATORY	-	40.5	178	35.7	158	24.0	20	18.9	16
DIS. OF STOMACH	-	10.4	46	6.3	28	10.8	9	4.7	4
DIARRHEA (UNDER 5 YRS)	-	2.9	13	.7	3	10.8	9	2.3	2
APPENDICITIS & TYPHILITIS	-	0.9	4	.7	3	1.2	1	1.2	1
HEPATIC & INT. OBSTR.	-	7.5	33	7.7	34	6.2	5	8.2	7
CIRRHOSIS OF LIVER	-	18.4	81	18.7	83	13.2	11	14.1	12
BRIGHT'S DIS & NEPHRITIS	-	50.2	222	42.9	190	60.0	50	40.0	34
DIS OF WOMEN (NOT CANCER)	-	0	0	.2	1	0	0	1.2	1
PUERPERAL SEPTICEMIA	-	0	0	0	0	0	0	0	0
OTHER PUERP. DISEASES	-	1.4	6	.7	3	3.7	3	2.3	2
CONGEN. TAL. DEF. & WALT	-	81.0	359	87.3	387	157.8	131	183.7	156
OLD AGE	-	0.7	3	1.6	7	1.2	1	1.2	1
ACCIDENT	-	40.7	180	44.0	195	56.6	47	65.9	56
HOMICIDE	-	6.8	30	6.1	27	30.0	25	16.5	14
SUICIDE	-	7.7	34	8.8	39	3.7	3	5.9	5
ILL-DEFINED CAUSES	-	8.4	37	11.5	51	15.6	13	20.0	17
ALL OTHER CAUSES	-	126.4	560	61.9	275	121.4	101	63.5	54

\*\* RECORDED WITH MISCL. OTHER CAUSES PRIOR TO 1956.

NOTE NEGRO RATE BASED ON 83,000 POPULATION IN 1955, AND ON 85,000 IN 1956.

" ABSENCE OF CONTAGIOUS DISEASES AS CAUSE OF DEATHS.



DEATHS BY SPECIAL CAUSES 1949 TO 1956

	1956	1955	1954	1953	1952	1951	1950	1949	1948	1947
TOTAL - ALL CAUSES	5041	5192	5089	5387	5111	5161	5213	5086	5222	5328
SEPTICAEMIA **	12									
PERITONITIS **	25									
LEUKEMIA **	34									
PULM EMBOLISM & INFARCT **	56									
INFANTILE PARALYSIS	0	3	2	0	3	1	4	5	2	0
TYPHOID FEVER	0	0	0	0	0	0	0	0	0	0
ERYSIPELAS - - -	0	0	0	0	0	0	0	0	0	0
MEASLES - - - -	0	0	1	0	1	0	0	0	0	0
TETANUS - - - -	0	0	0	0	0	0	0	0	2	0
SCARLET FEVER - -	0	0	0	0	1	0	0	0	0	0
MUMPS - - - -	0	0	0	0	0	0	0	0	1	0
DIPHTHERIA - - -	0	0	0	0	0	0	0	0	0	0
WHOOPING COUGH - -	0	0	0	0	1	0	0	0	0	1
INFLUENZA - - - -	1	0	1	5	2	3	1	0	4	4
EPID. MENINGITIS CER. SPIN.	2	5	1	1	2	2	0	4	2	3
OTHER EPIDEMIC DISEASES	1	0	0	0	0	0	0	0	0	2
TUBERCULOSIS (LUNGS)	60	58	59	78	134	112	184	188	214	239
" MENINGIT. - -	8	2	5	12	8	12	7	10	8	8
" OTHER FORMS - -	4	8	4	7	10	15	18	13	10	12
CANCER & MALIGNANT TUMOR -	706	743	783	828	789	795	791	795	780	781
SIMPLE MENINGITIS	7	11	12	10	10	8	11	6	8	9
APPOXY-SOFT BRAIN	542	398	424	493	494	399	428	478	465	498
ORGANIC HEART DISEASE	1921	2018	1936	1963	1857	1805	1862	1728	1804	1724
LOBAR PNEUMONIA	50	57	55	46	61	53	75	57	55	71
BRONCHO PNEUMONIA - -	125	93	91	77	87	70	88	94	78	89
OTHER RESPIRATORY - -	158	178	104	105	138	121	106	107	113	120
DISEASES OF STOMACH -	28	46	54	32	31	42	22	43	33	25
DIARRHEA UNDER 5 YRS -	3	13	12	6	6	2	8	11	2	13
APPENDIC. & TYPHILITIS -	3	4	6	7	11	6	6	19	7	11
HERNIA & INTEST. OBSTR. -	34	33	50	42	56	41	31	40	36	39
CIRRHOSIS OF LIVER	83	81	83	94	70	69	71	59	77	55
BRIGHT'S DIS & NEPHRITIS	190	222	213	241	238	259	246	249	276	281
DIS OF WOMEN (NOT CANCER)	1	-	3	2	1	1	2	1	4	5
PUERPERAL SEPTICAEMIA	0	0	0	0	1	0	0	1	0	1
OTHER PUERP DIS. - -	3	6	13	10	15	7	10	14	10	11
CONG. DEB & MALF.	387	359	323	299	317	322	293	301	317	337
OLD AGE - - - -	7	3	3	1	6	8	19	6	17	19
ACCIDENTS - - - -	195	180	180	228	226	191	194	174	212	200
HOMICIDES - - - -	27	30	41	32	34	26	19	28	29	23
SUICIDES - - - -	39	34	30	41	32	39	59	46	54	51
ILL DEFINED - - - -	51	37	57	65	53	64	60	36	44	63
ALL OTHER CAUSES	275	270	262	262	216	258	228	272	236	213
CRUDE DEATH RATE PER M	11.4	11.7	11.5	12.2	12.1	11.5	11.6	11.2	11.4	11.5





DEATHS UNDER ONE YEAR BY CAUSES OF DEATH 1918-1956 (ALTERNATE YEARS)

YEAR	MEAS- LES	BRON- CHITIS	PNEU- MONIA	INFLU- ENZA	DIAR- RHEA	OTHER DISEASES	CONG PREMATUR	CONG DEB.	ALL OTHER	TOTAL
1918	33	84	156	30	273	83	442	112		1213
1920	16	57	143	19	191	66	402	100		994
1922	14	44	128	11	153	22	352	98		822
1924	4	38	106	17	115	24	356	86		746
1926	17	18	142	5	102	16	383	70		753
1928	11	8	97	12	60	19	356	55		626
1930	4	9	95	10	39	10	278	73		512
1932	0	2	67	5	13	12	232	40		371
1934	0	2	52	5	23	2	221	37		342
1936	0	5	51	10	13	9	202	42		332
1938	0	3	40	3	10	10	211	33		310
1940	0	1	26	14	14	0	223	32		300
1942	2	1	41	3	8	2	260	35		352
1944	0	1	43	8	23	3	275	22		375
1946	0	0	44	3	3	4	330	32		416
1948	0	0	26	1	2	1	315	43		388
1950	0	2	28	1	8	0	288	30		357
1952	0	6	32	5	4	0	316	42		405
1954	0	2	29	6	11	0	321	43		412
1956	0	0	31	5	1	10	382	19		448

INFANT MORTALITY RATES (1ST DAY-1ST MONTH-1 YEAR ETC)

YEAR	UNDER 1 DAY	NEXT 6 DAYS	UNDER 1 WEEK	OVER 1 WK UNDER 1 MO	UNDER 1 MONTH (NEO-NATAL)	OVER 1 MO UNDER 1 YR (POST NEO-NAT)	UNDER 1 YEAR
1934	11.9	9.5	21.4	5.8	27.2	18.0	45.2
1937	9.7	6.7	16.3	5.5	21.8	15.7	37.5
1940	12.4	8.4	20.8	3.9	24.7	10.4	35.1
1943	9.2	8.3	17.6	3.8	21.5	9.4	30.9
1946	11.6	9.5	21.2	2.6	23.8	7.2	31.0
1949	8.6	10.0	18.6	3.4	21.9	7.1	29.0
1950	8.7	9.7	18.4	3.3	21.8	5.3	27.1
1951	10.4	8.7	19.1	2.6	21.8	5.3	27.0
1952	9.1	9.3	18.4	4.0	22.4	6.6	29.0
1953	8.1	9.9	18.1	2.8	20.8	5.0	25.8
1954	11.2	7.2	18.3	3.2	21.5	7.1	28.6
1955	12.8	7.6	20.4	2.6	22.9	6.8	29.7
1956	11.3	8.6	19.9	3.2	23.1	7.5	30.7
1914**	*	*	*	*	36.9	59.9	96.8

\*\*1914 ADDED AS INTERESTING COMPARISON WITH 1956. \* RATES UNDER 1 WEEK NOT AVAILABLE PRIOR TO 1934.

INFANT MORTALITY DATA BY WARD & COLOR 1956

WARD	TOTAL BIRTHS	COL. BIRTHS	% OF TOTAL BIRTHS COL.	TOT DEATHS UNDER 1 YEAR	INFANT MORTALITY
NORTH	1789	278	15.5%	47	26.3
EAST	1826	701	38.3%	73	40.0
WEST	1441	412	28.6%	38	26.4
SOUTH	1621	637	39.3%	54	33.3
CENTRAL	2292	1767	77.1%	105	45.8
NON-RES.	5636	226	4.0%	131	23.2
TOTAL	14,605	4,021	27.5%	448	30.7



# MORTALITY BY COLOR

YEAR	WHITE INF. MORT	COLORED INF. MORT	WHITE POST NEONAT*	COLORED POST NEONAT*	WHITE NEONAT**	COLORED NEONAT**
1920	81.0	162.4	43.6	96.0	37.4	66.4
1923	65.0	112.4	29.7	66.1	35.3	46.3
1925	61.0	155.1	33.8	89.9	27.2	65.2
1927	54.7	140.5	25.1	59.9	29.6	80.6
1929	49.8	138.7	23.2	70.3	26.6	68.4
1931	46.3	95.5	21.8	45.8	24.5	49.7
1933	39.1	91.1	17.2	42.8	21.9	48.3
1935	50.7	84.8	18.6	45.9	32.1	38.9
1937	34.5	61.5	12.9	37.8	21.6	23.6
1939	36.7	74.8	18.4	32.2	18.3	42.6
1941	28.5	62.6	7.5	21.5	21.1	41.1
1943	27.6	59.6	6.9	31.4	20.7	28.3
1945	31.7	54.6	10.5	20.8	21.2	33.7
1947	25.3	54.5	5.9	11.7	19.4	42.8
1949	22.3	61.9	5.0	17.2	17.3	44.7
1951	23.6	42.1	4.0	10.8	19.6	31.3
1952	22.3	57.6	4.8	14.3	17.5	43.3
1953	21.9	40.8	4.1	8.2	17.9	32.6
1954	22.4	45.9	5.3	13.2	18.3	32.7
1955	23.7	47.4	4.2	14.3	19.5	33.1
1956	24.5	47.0	6.0	11.7	18.6	35.3

\* POST NEONATAL IS OVER 1 MO BUT UNDER 1 YEAR \*\*NEONATAL IS UNDER 1 MONTH.

\*\*\*\*\*

## BIRTHS--ATTENDANT & PLACE OF DELIVERY      STILLBIRTHS & MATERNAL DEATHS (EVERY 4TH YEAR UNTIL 1950 ANNUALLY 1950-1956) (IN CLC, INTERESTING TRENDS)

YEAR	TOTAL BIRTHS	NON-RES BIRTHS	HOSPITAL DELIV. 1950	HOME DELIVERIES 1950-1956	No ATTENDANT	PERCENT DEL IN CLC	
1915	10,955	238	1,295	4,243	5,414	3	11.8
1919	11,315	554	-	-	5,148	0	-
1923	11,111	-	-	-	3,552	0	-
1927	10,042	1,246	4,995	2,709	2,338	0	49.7
1931	9,506	2,137	6,824	1,491	1,191	0	71.8
1935	7,698	1,812	6,076	1,047	515	0	79.5
1939	7,950	2,480	7,315	401	234	0	92.0
1943	11,856	3,978	11,230	432	194	0	94.7
1947	14,710	5,206	14,419	211	80	0	98.0
1950	13,174	4,977	12,269	171	34	0	98.4
1951	14,020	5,701	13,850	133	37	0	90.8
1952	13,968	5,683	13,703	161	24	0	98.7
1953	14,116	5,570	13,961	133	22	0	98.9
1954	14,404	5,700	14,146	135	23	0	98.9
1955	14,343	5,439	14,181	141	21	0	98.9
1956	14,605	5,636	14,426	160	19	0	98.8

YEAR	OVER DEATHS	MAT. MORT PER 1,000 DEL.	BIRTHS	STILL BIRTHS	STILL BIRTHS PER 1000 DEL.
1918	53	4.5	11,601	535	44.1
1922	58	5.2	10,993	422	37.6
1926	71	6.5	10,460	437	40.1
1930	67	6.6	9,824	367	36.0
1934	41	5.2	7,565	256	32.7
1938	23	2.8	7,936	247	29.8
1942	22	1.8	12,016	301	24.4
1946	16	1.2	13,427	322	23.4
1950	12	.9	13,174	264	20.9
1951	17	.5	14,020	313	21.9
1952	16	1.1	13,968	264	18.5
1953	10	.7	14,116	330	22.9
1954	13	.9	14,404	266	18.1
1955	6	.4	14,343	310	21.2
1956	3	.2	14,605	311	21.0



## SANITARY DIVISION

EDWARD A. SMITH, SUPERVISING CHIEF SANITARY INSPECTOR

ALTHOUGH THE MAJOR PORTION OF OUR SANITARY DIVISION WHICH COVERED SEWAGE CLEARANCE OF RESIDENCE REHABILITATION, WAS TRANSFERRED DURING 1954, TO THE CITY DIVISION OF INSPECTIONS, THE HEALTH DIVISION MAINTAINS A STAFF OF 10 INSPECTORS, MOSTLY MOTORIZED TO INVESTIGATE SANITARY COMPLAINTS AND TO INSURE SANITARY CONDITIONS BY ENFORCEMENT OF THE SANITARY CODE.

THIS GROUP ALSO REGULATES RODENT AND VERMIN EXTERMINATION AND SUPERVISES FUMIGATION WITH DANGEROUS GASES. THEY ALSO CARRY OUT THE RABIES PHASE OF DOG CONTROL BY INVESTIGATING ALL ANIMAL BITES, QUARANTINING THE BITING ANIMAL AND DETERMINING FREEDOM FROM RABIES.

<u>SANITATION</u>	HEARINGS HELD (NO. OF CASES)	132	NUISANCES CONFIRMED	7523
	CASES PROSECUTED	341	NOTICES SERVED	7523
	CONVICTIONS	291	ABATEMENTS	6199
	TOTAL INSPECTIONS	34,953		
	COMPLAINTS INVESTIGATED **	6,096	** INVESTIGATION OF 998 COMPLAINTS	
			PROVED TO BE UNJUSTIFIED.	

THE NUISANCES CONFIRMED INCLUDED HUNDREDS OF DIFFERENT CONDITIONS. THE LARGEST IN NUMBER WERE THE FOLLOWING:

HEAT (INSUFFICIENT OR DEFECTIVE EQUIPMENT)	913	DOG-CAT CONDITIONS-BARKING	
INSANITARY HOUSEKEEPING	184	FILTH, ODORS, ETC.	1276
OVERCROWDING (INSUFF. AIRSPACE)	199	DEFECTIVE WALLS-CEILINGS, &C	871
ACCUMULATIONS (GARBAGE-REFUSE)	1106	RODENT & VERMIN INFEST	456
GARBAGE CANS (INSUF-IMPROPER)	591	WEEDES	123
SEWAGE-ACCUMULATIONS, ETC.	69	CELLAR SLEEPING	30

LICENSES & PERMITS AFTER INSPECTION AND APPROVAL, FOLLOWING PERMITS WERE GRANTED:

ICE TRUCKS	53	REFUSE TRUCKS	21
KEEPING FOWL	112	ANIMAL PERMITS	2

FUMIGATION CONTROL EXTERMINATION AND OTHER PROCEDURES BY USE OF DANGEROUS GAS IS LIMITED TO LICENSED FUMIGATORS WHO MUST PASS A WRITTEN EXAMINATION. EVERY FUMIGATION IS THEN SUPERVISED. WORK ALSO INCLUDES RODENT AND VERMIN INVESTIGATION.

TRAILER SALE FUMIGATIONS	87	STRUCTURE DEMOLITIONS	128
FACTORY & BREWERY "	34	RODENT & INSECT INSP.	138
WALLS "	40	CITY & PRIV. DUMP "	10
FREIGHT CARS "	13	TOTAL SUCH INSPECTIONS	276

## RABIES CONTROL

THE SAME GROUP OF INSPECTORS INVESTIGATES ALL ANIMAL BITES (WHICH MUST BE REPORTED), AND QUARANTINE THE BITING ANIMALS FOR 10 DAYS. IF ANIMAL IS WELL AT END OF THAT QUARANTINE, THEY ARE RELEASED AND IT PROVES THE ANIMAL DID NOT HAVE RABIES IN THE INFECTIOUS STAGE AT TIME OF BITING. THE BITTEN PERSON IN THAT CASE DOES NOT NEED THE PASTEUR TREATMENTS (WHICH WE PROVIDE FREE FOR NEWARK RESIDENTS WHEN ANIMAL HAS BEEN FOUND TO BE RABIES INFECTIOUS).

DURING THE YEAR 2085 BITES WERE INVESTIGATED (1995 DOGS - 31 CATS - 59 OTHER ANIMALS. NO BITING ANIMAL PROVED POSITIVE FOR RABIES AND THEREFORE NO PASTEUR TREATMENTS NEEDED.



DOG CONTROL (LICENSING - STRAY DOG CONTROL ETC.)

LAWRENCE ROGERS, SUPV. DOG CONTROL

PRIOR TO 1954, THE PICKING UP OF STRAY DOGS (ALL DOGS IN PUBLIC MUST BE ON A LEASH) WAS CARRIED OUT BY THE HUMANE SOCIETY. IN 1954 THIS ARRANGEMENT WAS CHANGED AND GREATLY IMPROVED THE HEALTH DIVISION SECURED 2 DOG AMBULANCES OF ITS OWN, OPERATED BY FOUR DOG WARDENS (DOG CATCHERS). THE HUMANE SOCIETY IS PAID APPROXIMATELY \$1,000 PER YEAR TO SUPPLY HOUSING AND FEEDING FOR ALL ANIMALS PICKED UP BY US OR BROUGHT BY OWNERS TO BE DISPOSED OF, ETC.

THE SHELTER CONTRACT, AS WELL AS THE COST OF TRUCKS, EQUIPMENT AND ALL EXPENSES OTHER THAN SALARIES ARE MORE THAN COVERED BY THE DOG LICENSE FEES. (SEE FINANCIAL REPORT PAGE)

DOG LICENSES ISSUED	\$2.25 EACH	12,085
"SEEING EYE" DOG LICENSES (FREE)		2
PET SHOPS LICENSED		12
KENNEL LICENSES		8

THE CITY PAYS THE STATE 25% OUT OF EACH LICENSE FEE AND THE STATE PROVIDES FREE RABIES VACCINE. THE CITY OFFERS FREE RABIES VACCINATION FOR EACH LICENSED DOG, AND PAYS THE VETERINARIAN SPECIAL LOW FEE OF \$1.00 FOR EACH VACCINATION. ONLY BY POPULARIZING THE ANNUAL VACCINATION OF DOGS, CAN WE FULLY CONFIDE IT THAT OUR PRESENT FREEDOM FROM RABIES WILL CONTINUE. IT IS NOW 30 YEARS SINCE RABIES OCCURRED HERE BUT IN 1946 WE HAD 34 RABID DOGS AND 2 PERSONS UNDERWENT FASTER TREATMENT. THE COMPULSORY LEASHING OF DOGS (ALL YEAR) WAS INVOKED AT THAT TIME. UNDER THE FREE VACCINATION ARRANGEMENT 2255 NEWARK DOGS WERE VACCINATED THIS YEAR. WE HOPE TO INCREASE THE NUMBER.

THE AMBULANCES DURING THE YEAR PICKED UP 3473 UNLEASHED DOGS AND ALSO PICKED UP 2478 STRAY CATS. OWNERS OF DOGS PICKED UP MAY REDEEM THEM FROM THE SHELTER UPON PAYMENT OF A SMALL FEE TO THE CITY. DURING THE YEAR, 772 DOGS WERE SO REDEEMED. THE CITY SANITATION DEPARTMENT TRUCKS PICK UP DEAD ANIMALS AT THE SHELTER OR ON THE STREET. DOGS ARE DESTROYED IF NOT REDEEMED IN A REASONABLE TIME. THOSE TRUCKS PICKED UP 7807 DEAD CATS AND 1,905 DEAD DOGS DURING THE YEAR.





## FOOD AND DRUG BUREAU

JOSEPH E. CONNOLLY, ASST. HEALTH OFFICER

DAVID E. MORGAN, CHIEF INSPECTOR

WILLIAM J. CONNOLLY, ASST. CHIEF INSPECTOR

THIS IS ESSENTIAL FOR PROPERLY SUPERVISING THE PREPARATION, HANDLING, STORAGE, TRANSPORTATION OF ANY ARTICLE OF FOOD, DRUG, OR COSMETICS, WITH THE EXCEPTION OF MEAT WHICH IS UNDER THE SUPERVISION OF A SEPARATE BUREAU. THE QUALITY CONTROL OF OUR SUPPLY OF MILK AND OTHER MILK PRODUCTS IS ALSO PART OF THIS PROGRAM. THE MILK PROGRAM INCLUDES THE INSPECTION OF ALL MILK PLANTS, CONDENSED MILK PLANTS, AND MILK PROCESSING PLANTS WITH MILK BOTH INSIDE AND OUTSIDE OF THE CITY. FOR THE PAST SEVERAL YEARS THIS BUREAU HAS BEEN CARRYING ON THIS PROGRAM IN CLOSE EXCHANGE WITH THE NEW JERSEY STATE DEPARTMENT OF HEALTH WHICH PREVENTS UNNECESSARY DUPLICATION OF INSPECTION WORK. THIS BUREAU HAS SEVEN INSPECTORS ASSIGNED PERMANENTLY TO THIS DAIRY PRODUCT CONTROL PROGRAM.

OUR CITY CONTROL WORK INCLUDES INSPECTION, SAMPLING, AND LABORATORY ANALYSIS TO DETERMINE COMPLIANCE WITH CITY HEALTH ORDINANCES, FEDERAL AND STATE LAWS. SAMPLES TAKEN ARE ANALYZED CHEMICALLY AND BACTERIOLOGICALLY. THE SAMPLING PROGRAM INCLUDES THE DAILY TAKING OF SWABS OF EATING AND DRINKING UTENSILS AND ONCE AGAIN THIS PART OF THE WORK SHOWS A CONTINUAL IMPROVEMENT IN THE RESULTS OBTAINED, WHICH IS PROOF THAT PROPER METHODS ARE BEING USED IN THE CLEANSING AND SANITIZING OF SUCH UTENSILS. THERE WAS A TOTAL OF 1,035 GLASS AND UTENSIL SWABS TAKEN FOR BACTERIOLOGICAL ANALYSIS DURING THE YEAR.

THIS BUREAU WORKS IN CLOSE COOPERATION WITH THE UNITED STATES FOOD AND DRUG ADMINISTRATION, THE STATE DEPARTMENT OF HEALTH, AND NUMEROUS LOCAL HEALTH DEPARTMENTS IN THE ENFORCEMENT OF BOTH FEDERAL AND STATE LAWS THROUGH INSPECTION WORK, EXAMINATIONS, AND CONDEMNATION PROCEEDINGS. DURING THE YEAR THIS BUREAU INVESTIGATED AND CONDEMNED AS UNFIT FOR FOOD STUFFS QUANTITIES OF FROZEN AND CRACKED EGGS, MISBRANDED AND ADULTERATED EDIBLE OILS, FOOD STUFFS DAMAGED BY FIRE AND WATER, WHICH WERE FOUND UNFIT FOR HUMAN CONSUMPTION. SEVERAL CASES OF SUSPECTED FOOD POISONINGS WERE ALSO INVESTIGATED.

DURING THE YEAR AN EXTENSIVE PROGRAM INVOLVING TAVERNS WAS CARRIED ON WITH EMPHASIS ON THE SANITARY CONDITION OF THE PREMISES AND PARTICULAR EMPHASIS ON THE PROPER CLEANSING AND SANITIZING OF THE EATING AND DRINKING UTENSILS. ANOTHER PROGRAM WAS CONDUCTED THROUGHOUT THE CITY REGARDING THE PROPER DISPOSAL OF GARBAGE AND REFUSE FROM EATING, DRINKING AND OTHER FOOD ESTABLISHMENTS. THE AREAS OF THE FARMERS' MARKETS WERE CLOSELY INVESTIGATED WITH VERY MUCH BETTER GARBAGE DISPOSAL AT THE PRESENT TIME.

THERE WAS A NOTICEABLE INCREASE IN THE NUMBER OF COIN OPERATED MILK VENDING MACHINES. A SYSTEM WAS SET UP SO THAT NO VENDING MACHINE WOULD BE LICENSED UNTIL THE PROPOSED LOCATION WAS THOROUGHLY INVESTIGATED AND FOUND SATISFACTORY FOR THIS TYPE OF BUSINESS.

### MILK AND DAIRY INSPECTIONS

INSPECTIONS REPORT	INSPECTED	RE-INSPECTED	TOTAL	EXCLUDED
PASTEURIZING PLANTS	22	21	233	2
RECEIVING PLANTS	275	6	281	0
DAIRIES	6987	334	9821	120
ICE CREAM PLANTS	152	2	154	1
TOTALS	9635	354	9989	123

#### DAIRY PRODUCTS SAMPLING

MILK & CREAM SAMPLES (BACTERIOLOGICAL)	2914	*CHEMICAL	2693	5607
ICE CREAM, OTHER FROZEN CONF.	197	"	197	394

\* ALL 2693 CHEMICAL MILK SAMPLES WERE PHOSPHATASE TESTED TO DETERMINE PROPER PASTEURIZATION. ALL WERE SATISFACTORY.

### CITY INSPECTIONS

#### WHERE FOODSTUFF PREPARED OR COOKED

	PLACES	INSPECTIONS
RESTAURANTS, LUNCHROOMS	951	6414
" IN TAVERNS	508	3157
" CONF.	268	604
" DELI.	47	68
" DRUG STORES	25	79
BAKERIES	176	747
MISCELLANEOUS PLANTS	145	328

#### OTHER FOOD ESTABLISHMENTS

	PLACES	INSPECTIONS
TAVERNS	430	2015
CONFECTIONERIES	414	930
GROCERIES	1185	3865
PRODUCE	200	450
DRUG STORES	159	213
MISCELLANEOUS	203	967
SPECIAL INVEST.	140	217

TOTAL CITY INSPECTIONS -- 19,062



NOTICES SERVED	3,167	HEARINGS ON VIOLATIONS	211
" ABATED	2,515	WISC. FOOD SAMPLES TAKEN	594
COMPLAINTS INVESTIGATED	455	MILK VENDING MACHINES LIC.	95
EMBARGO NOTICES SERVED	26	" DEALERS	325
CASES TURNED IN FOR ACTION	62	STORE MILK LICENSES	1547

DURING THE YEAR MILK INSPECTORS CONDEMNED 50,622 QUARTS OF MILK. CITY INSPECTORS CONDEMNED 456 POPCICLES, 1008 NOVELTY CANDY BARS, 3100 POUNDS OF MEATS, 75 BUSHEL BASKETS OF ASSORTED FRUITS AND VEGETABLES, 245 BUSHEL BASKETS OF ASSORTED FOOD STUFFS AND 8 TONS OF LOOSE ASSORTED FOOD STUFFS, TOGETHER WITH MANY OTHER VARIOUS AMOUNTS AND TYPES OF FOOD STUFFS.

#### OCCUPATIONAL CLINIC

WILLIAM T. SUMAGE, PHYSICIAN-IN-CHARGE

THIS CLINIC FOR YEARS SUPERVISED EXAMINATIONS REQUIRED BY ORDINANCE OF ALL FOOD HANDLERS AND DOMESTICS. DURING RECENT YEARS, HOWEVER, IT WAS FOUND THAT AMONG FOOD HANDLERS WE FOUND VERY FEW UNSUSPECTED SYPHILIS CASES AND THEY HAD ALL REACHED THE NON-INFECTIOUS STAGE, AND FEW UNSUSPECTED TUBERCULOSIS CASES. THE ORDINANCE WAS THEREFORE AMENDED ELIMINATING THE NEED OF PHYSICAL EXAMINATIONS FOR FOOD HANDLERS AND SUBSTITUTING A COMPULSORY HEALTH INSTRUCTION COURSE FOR SUCH WORKERS. THE CLINIC NOW EXAMINES MOSTLY DOMESTIC EMPLOYEES WHO MUST STILL BE EXAMINED ANNUALLY AND SECURE HEALTH CARDS. THIS EXAMINATION INCLUDES CHEST X-RAY FOR POSSIBLE TUBERCULOSIS, BLOOD TEST FOR SYPHILIS, AND ORAL TEST FOR VINCENT'S ANGINA. POSITIVE CASES FOUND ARE REFERRED TO THE CHEST DIVISION AND VENEREAL DISEASE DIVISION FOR FOLLOW-UP, AND TO THE DENTAL CLINIC OR PRIVATE DENTIST IF POSITIVE FOR VINCENT'S ANGINA. TEMPORARY CARDS ARE GIVEN UNTIL CLINIC IS ADVISED THAT THE PATIENT IS CURED OR IS NOT INFECTIOUS.

DURING THE YEAR 2015 DOMESTICS WERE EXAMINED AND RECEIVED HEALTH CARDS INCLUDING 379 EXAMINED BY PRIVATE PHYSICIANS. TEMPORARY CARDS WERE ISSUED, INCLUDING 162 TUBERCULOSIS AND 28 FOR VINCENT'S ANGINA. 189 WERE REJECTED FOR VENEREAL DISEASE. ALL OF THESE WERE EITHER CURED QUICKLY IN THE CASE OF GONORRHEA OR WERE APPROVED FOR CARDS AS NON-INFECTIOUS IN THE CASE OF SYPHILIS AND TUBERCULOSIS. DURING THE YEAR 39 TAXI-DRIVERS AND 54 FOSTER PARENTS WERE ALSO EXAMINED, AS SUCH EXAMINATION IS REQUIRED BY STATE LAW. MOST SUCH EMPLOYEES SECURE THE EXAMINATION BY PRIVATE PHYSICIANS.



VETERINARY MEAT INSPECTION BUREAU

JOHN J. DEVINE, V. M. D., CHIEF VETERINARIAN

JOSEPH J. HEARL, CHIEF MEAT INSPECTOR

THIS BUREAU IS RESPONSIBLE FOR THE INSPECTION OF MEAT AND MEAT PRODUCTS, POULTRY AND FISH AS TO WHOLESALENESS AND FITNESS FOR FOOD. WE INSPECT MEATSTALLS, MEAT PROCESSING AND POULTRY SLAUGHTERHOUSES, AND WHOLESALE AND RETAIL LUNG ROOMS, MEAT AND FISH TRUCKS, LOADING PLATFORMS FOR POULTRY, AND MEAT AND FREIGHT CARS. IT INSPECTS ALL DELIVERIES OF MEAT, FISH AND POULTRY TO ALL CITY INSTITUTIONS. THIS WORK IS CARRIED OUT BY A STAFF OF TRAINED MEAT INSPECTORS AND VETERINARIANS WITH STATE LICENSES.

ALL DRESSED MEATS OFFERED FOR SALE IN NEWARK MUST BE SLAUGHTERED UNDER U.S. MEAT INSPECTION SERVICE, OUR OWN VETERINARIANS OR MEAT INSPECTORS AND VETERINARIANS OF CO. JURISDICTION WITH APPROVED ADEQUATE MEAT INSPECTION.

THE CITY OF NEWARK MEAT INSPECTION SERVICE IS IDENTIFIED WITH SOME FORTY-FIVE MEAT PROCESSING ESTABLISHMENTS LICENSED BY US.

WE WORK WITH INSPECTION LEGEND WITH THE TRAINING GUIDE IS PREPARED ON ALL PRODUCTS FROM CURED MEAT DELIVERMENTS. ALL THE PRODUCTS ARE CHECKED FOR CONTROL OF TEMPERATURE, FORMULA OF LINGERS, PAUL ET AL OF EAT AND THE CO. INSULTING, DRYING, DRYING AND GRINDING, SLOPING OR COOKING OF PRODUCTS.

IN 1956 AN ORDINANCE WAS ADOPTED REQUIRING ALL POULTRY PROCESSING PLANTS AND DIRECT SALES TO THE MEAT MARKETING BOARD TO DEPOSIT MONEY IN A SPECIAL POULTRY INSPECTION FUND TO DEFRAY THE EXPENSES OF INSPECTORS VISITING THE SOURCES OF SLAUGHTERING AND DRESSING OF POULTRY PRODUCTS.

YOUR COOPERATION AND WORK HAS BEEN ACCOMPLISHED WITH THE CITY BEFORE WE HAVE 20 TITLES ON POULTRY INSPECTION SERVICE WITH PART OF "PICKLE" OF THE CATTLE AND PROCESSOR IN AN ATTEMPT TO HELP CREATE A MEAT AND POULTRY INSPECTIONAL SERVICE IN THE UNITED STATES.

FOLLOWING ARE THE 1956 WORK STATISTICS:TOTAL INSPECTIONS AND REINSPECTIONS - 19,284

MEATSTALLS	-- --	146	WHOLESALE LIVE POULTRY	-- --	1041
WHOLESALE MEAT DRESSED			TRUCKLOADS OF POULTRY	-- --	1118
POULTRY	--	1099	WHOLESALE FISH	-- --	178
LOADING PLATFORMS		42	PROVISIONS, PLANTS		2791
C. ISSUES	--	70	RETAIL FISH LISTS	-- --	11450
REFRIGERATION PLANTS	--	95			
CITY INSTITUTIONS			TOTAL	---	19,284
ICE BOXES	--	460			

CONDEMNATIONS INCLUDED 61,840 LBS OF POULTRY AND 179,210 LBS OF MEAT AND FISH PRODUCTS.

PROVED OVER 100,000 LBS MEAT, POULTRY AND SEAFOOD IN OUR CITY INSTITUTIONS SPECIFICALLY.

SAMPLES TAKEN FOR ANALYSIS	695
COMPLAINTS INVESTIGATED	137
POTICES SERVED	340
ATTENDANTS	278
COURT CASES (FINE \$235)	40

<u>LICENSE FEES</u>	
POULTRY SLAUGHTERHOUSES	50
MEAT JOBBERS	935
EAT PLANTS	3,300
LIVE POULTRY	50
TOTAL	5,135



COMMUNICABLE DISEASE BUREAU

DR J. T. GARDAM, PHYS. IN CHARGE

T. S. JENNINGS, DUPLY. CHIEF INSPECTOR.

EMPHASIS ON PREVENTION (IMMUNIZATION)

THE WORK OF THIS BUREAU HAS BEEN INCREASINGLY PREVENTIVE IN RECENT YEARS, AND THE ACTIVE CONTROL OF EXISTING CASES HAS LESSEMED TO A DEGREE. THE NUMBER OF NEW CASES HAS FALLEN OFF SO THAT THE BULK OF OUR ENERGY IS DEVOTED TO PREVENTION PARTICULARLY IMMUNIZATION.

THE SALK IMMUNIZATION PROGRAM AGAINST INFANTILE PARALYSIS HAS CONTINUED WITHOUT ANY LET-UP. THIS WORK AS BEING OF GREAT IMPORTANCE AND WE CAN SEE A DROPPING OFF OF CASES THIS LAST YEAR; 9 CASES IN 1956 AGAINST 62 IN 1955. WE ARE URGING ALL CITIZENS UP TO THE AGE OF 45 TO SECURE IMMUNIZATION AS EARLY AS POSSIBLE IN THE YEAR TO BE PREPARED TO A POSSIBLE OUTBREAK IN THE HOT SUMMER MONTHS THIS YEAR. OUR FREE IMMUNIZATION PROGRAM COVERS TUBERCULOSIS FROM 6 MONTHS TO 20 YEARS OF AGE, ALL WELL AS ALL PREGNANT WOMEN. THE POLIO IMMUNIZATIONS DURING THE YEAR NUMBERED AS FOLLOWS: FIGURES DO NOT INCLUDE THOSE BY PRIVATE DOCTORS.

	1ST INJEC	2ND	3RD	TOTAL
PUBLIC SCHOOLS	7570	13480	2755	23805
PRO & FRI "	4361	9568	197	14126
BABY STATIONS	3535	3315	0	6850
HOSP & NURSERIES	500	131	0	631
HEALTH CLIN OTHERS	763	534	16	1313
TOTALS	16729	27028	2968	46725

HEREAFTER ALL PARENTS OF NEW-BORN BABIES WILL BE NOTIFIED OF THE NEED OF IMMUNIZATION WITH SALK VACCINE AS WE DO AGAINST DIPHTHERIA, HOOPING COUGH AND TETANUS. COLLECTIVE TABLE SHOWS IMMUNIZATION TREATMENTS DURING 1956, COMPARED WITH PREVIOUS YEARS. NOTE THE OUTSTANDING COOPERATION BY PRIVATE DOCTORS.

<u>HOOPING COUGH</u>				<u>DIPHTHERIA</u>			
PRIV	HEALTH			PRIV	HEALTH		
DOCTOR	CLIN	CLIN	TOTAL	DOCTOR	CLIN	CLIN	TOTAL
1941	0	4161	4161	2380	2004	4384	
1943	1295	2819	3914	4593	3074	7667	
1945	4542	3052	7594	6084	3052	9136	
1947	6046	3324	9370	6787	3324	10111	
1949	6556	3352	8967	5849	3352	9201	
1951	3836	2202	6038	3830	2202	6040	
1953	4086	3377	8263	4085	3377	8262	
1954	5302	3629	8931	5302	3629	8931	
1955	4179	3654	7833	4179	3654	7833	
1956	3877	4112	7989	3879	4112	7991	

TETANUS (CASES WITH DIPHTHERIA)

1955	4011	3654	7665
1956	3756	4112	7868

MORE CHILDREN ARE BEING TREATED WITH TRIPLE DIPHTHERIA AND TETANUS MATERIAL THAN FIVE YEARS BEFORE. VACCINATION FOR SMALLPOX HAS OF COURSE CONTINUED AND REVACCINATION EVERY FIVE YEARS IS URGED. NO SMALLPOX DEATH IN THE AREA IN 54 YEARS AND PRACTICALLY NO CASES.

GAVE A "LOOK-UP"

WE RECOMMEND AND DOCTORS CONTINUE TO USE SALK VACCINE FOR CONTACTS WITH MEASLES, POLIO, HEPATITIS, AND IN PREGNANCY (1ST TRIMESTER ONLY) WITH CERIAN RISKS. IT IS OF USE FOR POLIO CONTACTS WHO HAVE HAD ALL OR PART SALK VACCINE TREATMENT SERIES.

CULTURE COLLECTING

CULTURE STATIONS ARE MAINTAINED THROUGHOUT THE CITY FOR CONVENIENCE OF PHYSICIANS. FOLLOWING SHOWS DELIVERIES AND COLLECTIONS DURING THE YEAR.

	VINYLING	CULTS	SPUTUM	LAB	PREPARED
COL.	410	160	1161	12406	1663
DEL.	488	467	2233	10999	2558
TOTAL COLLECTED			15,800-DEL.	26,755	

PREVALENCE EXPERIENCE

HOOPING COUGH AGAIN DROPPED FROM 139 LAST YEAR TO 64 THIS YEAR. CASES ARE MUCH Milder YET SEEM TO RUN THE PROLONGED COURSE. WE STILL CHECK SEVERITY OF ALL CASES AND FIND THAT SEVERE CASES ARE LIMITED TO CHILDREN NEVER IMMUNIZED. IN FACT WE BELIEVE THAT MANY CASES ARE SO MILD AS TO BE NEVER DIAGNOSED, ALL AS THE RESULT OF ALMOST 100% IMMUNIZATION TREATMENT.

AS MEASLES WAS PREVALENT IN 1955 WITH 8839 CASES, 1956 SHOWED A DROP TO 1379.

SCARLET FEVER INCREASED FROM 87 TO 216. THE DISEASE CONTINUES TO BE MILD HOWEVER. THIRTY YEARS AGO IT HAD A CASE-FATALITY OF 18 PER 1000 CASES NOT TO MENTION MANY SERIOUS AFTER-EFFECTS. IN RECENT YEARS THE RATE IS WELL BELOW 1 PER 1000.

INFECTIOUS HEPATITIS ALSO INCREASED FROM 22 CASES LAST YEAR TO 52 THIS YEAR.

PARA TYPHOID. WE HAD NO ACTUAL TYPHOID BUT DID HAVE 11 CASES OF PARA-TYPHOID, TRACEABLE TO A DEFINITE CARRIER. ALL WERE FOUND IN THE COURSE OF OUR EPIDEMIOLOGICAL INVESTIGATION, AND THESE PEOPLE ARE NOW, AND WILL CONTINUE TO BE, UNDER CLOSE SCRUTINY BY US, WITH PERIODIC CULTURES TO BE CERTAIN THEY DO NOT BECOME CARRIERS.





# MORBIDITY REPORT 1946-1956

DISEASE	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	11 YEAR NORMAL
DIPHTHERIA**	4	2	5	0	1	0	1	0	0	0	0	~
SCARLET FEVER**	496	433	345	402	112	135	206	204	142	89	216	206
TYPHOID FEVER	2	4	1	0	2	0	4	1	1	2	0	1
PARA TYPHOID	2	1	1	1	0	0	0	1	0	0	11	1
TUBERCULOSIS	575	520	538	596	526	513	480	529	51	490	401	526
UNDULANT FEVER	0	1	3	1	3	1	0	0	0	0	1	1
TRICHINOSIS	5	4	7	3	0	1	2	0	0	0	2	1
LOBAR PNEUMONIA	686	502	452	458	423	351	268	188	171	102	145	351
BRONCHO PNEUM.	623	494	629	654	593	489	542	451	322	374	588	542
EPID. MENINGITIS	32	21	10	8	9	11	10	18	8	12	8	10
INFANTILE PAR.**	19	17	31	39	49	22	29	34	49	62	9	34
*HOOPING COUGH***	1098	1373	288	486	761	296	218	258	237	169	84	288
MEASLES -	11392	454	6247	5782	2370	3536	11090	262	3434	8833	1379	3536
ERYSIPELAS	53	40	28	24	25	9	27	11	6	5	2	21
SCARLET ANGINA	1207	1168	1194	1148	455	631	275	65	120	76	65	631
OPHTH. NEONAT.	44	46	45	62	5	5	2	2	3	9	10	9
PUERP. FEVER	0	2	0	1	0	0	0	0	0	0	0	0
DYSENTERY (AMB)	0	0	4	0	0	1	0	0	0	0	0	0
TETANUS	2	1	1	0	0	2	1	0	1	0	0	1
INFLUENZA	57	45	35	32	53	66	35	59	30	20	15	35
JALARIJA	46	9	2	0	4	0	3	3	1	0	0	2
VIRUS PNEUMONIA*	79	48	58	58	76	60	25	30	29	29	34	58
STREP SORE THROAT	16	24	20	18	6	2	6	0	4	1	3	6
EPILEPSY	48	46	48	28	15	34	31	28	28	54	78	34
INFECT. HEPATITIS	-----	-----	-----	-----	-----	-----	-----	9	56	22	52	32

\* NOT REPORTABLE UNTIL 1946

\*\* PLACARDED

\*\*\* ARM BAND REQUIRED

## BUREAU ACTIVITIES 1956

INSPECTOR HOJE VISITS - QUARANTINE & ISOLATION	2166
SOHO DISCHARGES -- -- -- --	234
ROOM ADDRESSES -- -- -- --	98
COMPLAINTS INVESTIGATED	89
IMMUNIZATION INVESTIGATIONS --- ---	17,304
HEARING NOTICES SERVED	373
SUPPLIES DELIVERED INC SALK VACCINE -	162

TOTAL VISITS 20,426

THE 11 YEAR NORM. SHD IN MOR. DTY REPORT. THE MOST ACCURATE OF DET. BEING 5 PROBABLE  
INCIDENCE. TRUE AVERAGES BECAUSE VERY LITTLE AS ONE HEAVY YEAR WOULD GIVE A HIGH  
AVERAGE EVEN IF THE OTHER TEN YEARS HAD PRACTICALLY NO CASES. THE NORM IS THE YEAR  
DURING THE PAST 11 YEARS WHICH 5 YEARS HAD MORE CASES AND 5 YEARS HAD LESS.



## CITY DISPENSARY

MELVINA RYAN, DIR. OF NURSES    OSCAR B STEVENS CHIEF PHARMACIST  
THE MEDICAL DEPUTY HEALTH OFFICER PROVIDES MEDICAL SUPERVISION.

THE DISPENSARY PROVIDES CLINIC TREATMENT FOR MEDICALLY INDIGENT AND THOSE ON RELIEF. HOME MEDICAL CARE IS ALSO PROVIDED BY DOCTOR CALLS - PAID BY RELIEF DEPARTMENT FOR RELIEF CASES AND HEALTH DIV FOR MEDICALLY INDIGENT. PATIENT IS GIVEN CHOICE OF PHYSICIAN, CLINIC TREATMENTS IN THIS REPORT DO NOT INCLUDE THOUSANDS OF TUBERCULOSIS, DENTAL AND VENEREAL TREATMENTS REPORTED ELSEWHERE IN THIS REPORT.

FREE TREATMENTS NUMBERED 69,695 FOR 29,921 DIFFERENT PATIENTS, ABOUT 12% LESS THAN IN 1955 POSSIBLY DUE TO BETTER ECONOMIC CONDITIONS.

FREE PRESCRIPTIONS FOR CLINIC AND HOME VISIT PATIENTS NUMBERED 74,134. PHARMACY ALSO DISTRIBUTES ALL FREE IMMUNIZATION AND TESTING VACCINES, SERA, ETC. IMMUNIZATION WORK CONSIDERABLY INCREASED DUE TO SALK VACCINE, WHICH WE OFFER FREE TO ALL UNDER 20 YEARS AND ALL PREGNANT WOMEN. THE DISPENSARY ALSO PROVIDES PHYSICAL EXAMINATION OF ALL NEW CITY EMPLOYEES.

A SMALL STAFF OF SOCIAL WORKERS CHECK ON ABILITY TO PAY. SPOT CHECK VISITS ARE MADE ESPECIALLY FOR HOME CALLS. WE NATURALLY SEND PHYSICIAN IMMEDIATELY BUT INVESTIGATE AND BILL IF NOT ELIGIBLE. NO FUTURE CALLS OR CLINIC TREATMENTS ARE GIVEN INELIGIBLES. WORKERS MADE 3615 HOME CALLS AND 37,886 PATIENTS WERE INTERVIEWED AT CLINICS DURING THE YEAR, WITH 2979 REJECTIONS. ABOUT 40% OF OUR PATIENTS ARE ACTUALLY ON RELIEF.

HOME CARE OF SICK POOR

DOCTORS MADE 4290 HOME CALLS, PAID BY THE HEALTH DIVISION, AT AVERAGE OF \$3.40 (\$3 FOR DAY CALLS AND \$5 FOR NIGHT CALLS AFTER 11 PM. A DECREASE OF 1009 FROM 1955. HOME CALLS FOR SICK POOR BY NURSES ARE ALSO PAID FOR BY US THROUGH THE V.N.A. AT \$3 PER CALL, HEALTH DIVISION PAID FOR 3745 AND RELIEF DEPT FOR 412.

OUR NEIGHBORHOOD DENTAL CLINICS (FOR CHILDREN ONLY) NOW TOTAL TEN IN VARIOUS PARTS OF THE CITY. THEY SERVE CHILDREN UNABLE TO PAY IN BOTH PUBLIC AND PRIVATE OR PAROCHIAL SCHOOLS. OUR CENTRAL CLINIC TREATS CHILDREN 3 DAYS PER WEEK AND ADULTS 2 DAYS. (SEE DENTAL REPORT.)

<u>CLINIC TREATMENTS</u>		1956	1955	1954
MEDICAL	--	8699	9545	9180
CHILDREN		3520	3933	3503
SURGICAL	--	2866	2943	3398
GYNCOLOGY		680	717	751
SKIN	--	5487	5631	5081
RECTAL		436	411	478
GASTRO-INTEST		1170	1334	1305
ORTHOPEDIC		1762	1782	590
ALPINE LAMP	--	21	12	14
MASSAGE & ELEC THERAPY		1053	1239	1383
DENTAL (ADULTS)		2787	4430	4828
" (CHILDREN)		21749	22819	31404
NEURO-PSYCHIATRIC		277	318	428
ESSEX CO HOSP PAROLEES		-	8	103
NERVOUS DISEASES		1309	1273	1520
METABOLIC		1436	1475	1462
VARICOSE VEINS	--	735	600	690
VACCINATIONS		1048	763	780
IMMUNIZATIONS & TESTS		582	130	271
INSULIN & OTHER INJECT.		7765	2329	2588
DENTAL HYGIENE	--	43	91	73
TUNOR (NOW AT MART MED		0	0	70
EYE	--	852	831	605
CHIROPODY		838	873	1071
PUB WELF EMPLOYMENT CLIN		1942	2026	1916
CONTAGION RELEASES		1662	2302	1787
EMPLOYEE EXAMINATIONS		796	-	-
TOTAL CLIN TREATMENTS *		69695	79050	69044
INDIVIDUAL PATIENTS NCD		29921	28768	27119
TOTAL FREE PRESCRIPTIONS		74134	52210	57856
X RAY DENTAL FILM NCD		15014	15182	12414
" CHEST 4"X5" NCD		5262	6235	5597
" " 14X17 NCD		883	1161	1062
MISC XRAY BODY WORK NCD		3503	284	4644
TOTAL XRAY NCD		24662	23362	23921
DOCTOR HOME CALLS		4290	5299	4955
VNA NURSE " "		4157	4707	4205

\* TOTAL INCLUDES DENTAL REPORTED ON ELSEWHERE



## DENTAL BUREAU

ALTHOUGH THE DENTAL CLINICS HAVE ALWAYS BEEN CONSIDERED A PART OF THE DISPENSARY, THE WORK HAS GRADUALLY CHANGED FROM A PURELY CURATIVE CLINIC, MOSTLY FOR ADULTS, TO A PREVENTIVE TYPE OF HEALTH ACTIVITY INSURING BETTER ADULT TEETH. THE WORK HAS BEEN EXPANDED SINCE 1951 SO THAT NOW WE HAVE ONE LARGE CLINIC IN THE MAIN DISPENSARY WITH FIVE CHAIRS (3 HOURS DAILY), THREE DAYS FOR CHILDREN AND TWO FOR ADULTS, AND TEN NEIGHBORHOOD CLINICS FOR CARE OF CHILDREN'S TEETH. THEY ARE LOCATED IN SCHOOLS, HOUSING PROJECTS AND BOYS' CLUBS BUT SERVE ALL THE CHILDREN IN BOTH PUBLIC AND PAROCHIAL SCHOOLS WHERE PARENTS CANNOT AFFORD TO PAY. WE ALSO MAINTAIN A CLINIC AT THE IVY HAVEN OLD-AGE HOME AND AN ADDITIONAL CLINIC WILL OPEN IN 1957 IN A HOUSING PROJECT.

DEFINITE LECTURE SCHEDULES WITHIN THE SCHOOLS ARE ARRANGED TO ENCOURAGE AND EDUCATE THE CHILDREN IN BETTER PERSONAL CARE OF THEIR TEETH AND IMPROVE THEIR GENERAL HYGIENE. ROUTINE DENTAL EXAMINATIONS OF PAROCHIAL SCHOOL CHILDREN ARE CARRIED OUT BY STAFF DENTISTS AND NURSES, AND REFERRAL CARDS ARE ISSUED FOR THOSE NEEDING DENTAL ATTENTION EITHER BY THEIR PRIVATE DENTISTS OR, IF MEDICALLY INDIGENT, IN THE CLINICS FOLLOWING SOCIAL SERVICE INVESTIGATION AND APPROVAL.

THERE HAS BEEN A LIMITED EXPERIMENTAL SERVICE WITH TOPICAL FLUORIDE APPLICATIONS. THIS SERVICE IS TO BE EXPANDED AND SEVEN DENTAL HYGIENISTS HAVE RECENTLY BEEN ADDED TO OUR STAFF.

J. E. H. OUTHRIE, D.O.S., DENTIST-IN-CHARGE

DURING 1956, THE NUMBER OF PATIENTS TREATED INCREASED TO 7,577 (6,387 CHILDREN RECEIVED 21,765 TREATMENTS AND 1,190 ADULTS RECEIVED 2,757 TREATMENTS).

THE ENDODONTIA SERVICE GAVE 105 PATIENTS 306 TREATMENTS. THE ORTHODONTIA SERVICE GAVE 188 CHILDREN 400 TREATMENTS DURING THE YEAR. THE X-RAY SERVICE PROCESSED A TOTAL OF 15,014 DENTAL FILMS.

OF THE 24,522 TREATMENTS THIS YEAR, 2,757 TREATMENTS WERE FOR ADULTS PURELY AS AN EMERGENCY MEASURE, PRIMARILY THE EXTRACTION OF TEETH. STEPS FOR THE FUTURE HAVE BEEN TAKEN TO TRANSFER ALL ADULTS FOR THIS PURPOSE TO THE OUTPATIENT SERVICE OF THE NEW HARTLAND MEDICAL CENTER HOSPITAL, SOON TO BE READY FOR OPERATION. THE MANPOWER HOURS OF THE DENTAL PUBLIC HEALTH SERVICE HERETOFORE RENDERING EMERGENCY TREATMENT TO ADULTS WILL, TO SOME DEGREE, REDUCE THE EXISTING BACKLOG OF CHILDREN OF PRE-SCHOOL AND SCHOOL-AGES PRESENTLY REQUIRING IMMEDIATE DENTAL PUBLIC HEALTH CARE.

A PROGRAM IS ALSO BEING FORMULATED, STAFFED BY DENTISTS AND DENTAL HYGIENISTS AND DESIGNATED AS A VISITING DENTAL HYGIENE UNIT, TO BE MOVED FROM SCHOOL TO SCHOOL. THIS UNIT WILL EXAMINE, GIVE PROPHYLACTIC TREATMENT AND ADMINISTER FLUORIDE LOCALLY. FLUORIDE LOCALLY WILL NOT BE ADMINISTERED IF THE TABLETS ARE BEING TAKEN INTERNALLY.



## CHEST DISEASE BUREAU

TUBERCULOSIS MORTALITY SLIGHTLY INCREASED TO 72 DEATHS AND 16.3 PER CM AS COMPARED WITH THE RECORD LOW OF 68 DEATHS AND 15.3 PER CM FOR THE TWO PREVIOUS YEARS. FOR THE FIRST TIME SINCE THE ADVENT OF THE "NEW DRUG THERAPY" THERE HAS BEEN A RISE IN MORTALITY. THE DROP WAS DUE TO THE ANTIMICROBIAL DRUGS SUCH AS STREPTOMYCIN, PARA-AMINOSALICYLIC ACID AND ISONIAZID; ALSO TO MORE SUCCESSFUL THORACIC SURGERY. A PLATEAU HAS BEEN REACHED IN THE CURBING OF TUBERCULOSIS DEATHS. THE FIRST 8 YEARS FOLLOWING THE USE OF THESE DRUGS DEMONSTRATED THE MOST RAPID DECREASE IN TUBERCULOSIS MORTALITY IN HISTORY. ALTHOUGH LIVES HAVE BEEN SAVED, THE SOURCE OF INFECTION HAS ALSO INCREASED. THE DRUGS HAVE NOT BEEN CONTROLLING THE DISEASE IN ALL CASES AND IN SOME INSTANCES THE GERM HAS BECOME REACTIVATED. SOME INDIVIDUALS KEPT ALIVE BY MODERN THERAPY AND APPARENTLY ARRESTED, HAVE REACTIVATED AND DIED. EVEN WITH THE 1956 RISE, IT IS ASTOUNDING TO REALIZE THE EXTREME MORTALITY RATES WHICH PREVAILED NOT SO LONG AGO. IN 1915 THE DEATH RATE ANNUALLY WAS 195 PER CM AS COMPARED WITH 16.3 PER CM IN 1956. IN DEALING WITH A DISEASE CHARACTERIZED BY CHRONICITY AND RELAPSES, AN ARRESTED CASE CAN FLARE INTO ACTIVITY. PRIOR TO THE NEW DRUG THERAPY, TREATMENT DEPENDED LARGELY ON REST, PNEUMOTHORAX AND SURGERY TO COLLAPSE THE DISEASED PORTION OF THE LUNGS AND THUS PERMIT HEALING. MEDICAL CARE AT THE PRESENT TIME WITH MUCH BETTER THERAPY STILL OFFERS A GLATER PROBLEM OF CONTROL. WHETHER THE MODERN BACTERIOSTATIC DRUGS POSTPONES BUT DOES NOT PREVENT DEATH FOR MOST TUBERCULOSIS PATIENTS, ONLY TIME WILL TELL.

MORBIDITY DECREASED FROM 490 NEW CASES AND 110.6 PER CM IN 1955 TO 401 AND 90.5 PER CM IN 1956. THE DROP IN THE ANNUAL INCIDENCE OF TUBERCULOSIS MIGHT INDICATE THAT THE NUMBER OF PERSONS INFECTED IS DECLINING. THE RATE OF NEW CASES HAS BEEN DROPPING FOR THREE YEARS. WHEN THAT RATE IS COMPARED WITH 1915, WHEN 2,146 NEW CASES GAVE A MORBIDITY RATE OF 572.2 PER CM, THE FALL IS APPARENT. IN SPITE OF THIS CHANGE FOR THE BETTER, TUBERCULOSIS IS STILL A LEADER AMONG COMMUNICABLE DISEASES AND IS STILL RESPONSIBLE FOR MORE DEATHS THAN ALL OTHER INFECTIOUS DISEASES COMBINED. THE PROBLEM OF TUBERCULOSIS, FOR YEARS PRIMARILY IN THE 15 TO 35 YEAR GROUP, IS NOW CONCENTRATED AMONG OLDER PEOPLE. THE RATE AMONG THE YOUNGER GROUP IS DECLINING WHILE IN OLD AGE IT IS INCREASING. THE TENDENCY TOWARD LONGER LIFE MAY BE A FACTOR, ALSO WITH LOWERED RESISTANCE CAUSED BY COMPLICATIONS OF ADVANCED AGE, INFECTION ACQUIRED MANY YEARS BEFORE, CAN REACTIVATE. TUBERCULOSIS STILL STANDS OUT AS A MAJOR PREVENTABLE DISEASE. THE HIGHWAY TO EVENTUAL ERADICATION OF THIS DISEASE IS A LONG, ROUGH AND RUGGED ROAD TO TRAVEL, BESET WITH MANY OBSTACLES.

DR. IRVING MILLNER, DIRECTOR  
DR. CHARLES MINNELFORD, ASST. DIRECTOR  
FRANCES W. DUGOSZ, R.N., SUPERVISOR

THE UNSUSPECTED, INFECTIOUS CASE THAT WANDERS ABOUT INFECTING CONTACTS HAS ALWAYS BEEN AN OUTSTANDING CONTROL PROBLEM. IN SPITE OF ALL X-RAY PLANNING AND SKIN TESTING PROGRAMS MANY OF THESE INDIVIDUALS ARE NEVER LOCATED. JUST BEFORE OR AFTER DEATH, DO WE LEARN OF THEIR EXISTENCE. FOR MANY YEARS, 25 TO 35 PERCENT OF ALL DEATHS DUE TO PULMONARY TUBERCULOSIS HAD NEVER BEEN DIAGNOSED, ISOLATED OR TREATED DURING THEIR LIFE-TIME. THE YEAR 1956 WAS NO EXCEPTION WITH 39% OF DEATHS RESULTING FROM "UNKNOWN CASES."

THE PAST TEN YEARS HAS BEEN A DRASTIC CHANGE IN THE HANDLING OF ACTIVE PULMONARY TUBERCULOSIS. ANTIBIOTIC THERAPY HAS SIMPLIFIED TREATMENT. THE GENERAL PRACTITIONER NOW HANDLES THE MAJORITY OF CASES. A PHYSICIAN SPECIALIZING IN TUBERCULOSIS ALONE IS A RARITY. MODERN ADVANCES HAVE LED TO A SHORTER STAY IN THE HOSPITAL AND TO THE GREATER RESPONSIBILITY, NOT ONLY OF THERAPY BUT ALSO OF CONTROL, IN THE HANDS OF THE FAMILY PHYSICIAN. TUBERCULOSIS IS STILL A CHRONIC INFECTIOUS DISEASE AND REQUIRES CONTINUOUS AND LONG TERM THERAPY. THE MOST EFFECTIVE THERAPY REQUIRES SANATORIUM CARE UNTIL THE LESION IS STABILIZED. THE AMBULATORY PATIENT CAN BE TREATED IN THE CLINIC OR IN THE PHYSICIAN'S OFFICE BUT INITIAL HOSPITALIZATION IS ESSENTIAL UNTIL THE PATIENT BECOMES SPUTUM NEGATIVE. ISOLATION OF THE OPEN, ACTIVE CASE IS NECESSARY TO PROTECT THE PUBLIC. WITH NON-COOPERATIVE PATIENTS, COMPULSORY ISOLATION IS MANDATORY AND UNDER EXISTING LAWS, WE HAVE PROCEEDED REGULARLY WITH COMMITMENT OF THOSE WHO DO NOT FOLLOW MEDICAL ADVICE, THE DRUNKARD, THE FLAUNTER AND THE DELICT ARE STILL A PROBLEM.

### CASE FINDING IS BASED UPON:

- 1 - X-RAYING AS LARGE A SEGMENT OF THE POPULATION AS POSSIBLE CONCENTRATING IN THE HIGH INCIDENCE AREAS, AND -
- 2 - TUBERCULIN TESTING TO AGE OF 15.

X-RAY - RADIOGRAPHY IS OUR MOST POWERFUL INSTRUMENT IN LOCATING EARLY TUBERCULOSIS OF THE LUNGS. THIS IS OUR ONLY METHOD OF DETECTING MINIMAL LESIONS IN THE LUNGS WHEN COMPLAINTS ARE ABSENT AND NO CLINICAL FINDINGS ARE PRESENT. THE EARLIER THE INFECTIOUS PROCESS IS LOCATED, THE BETTER CHANCE FOR RECOVERY AND THE EARLIER THE OPPORTUNITY TO LOCATE THE SOURCE OF INFECTION. MOST X-RAY SURVEYS HAVE BEEN CONDUCTED OVER A PERIOD OF YEARS ON A VOLUNTARY BASIS. THEIR SUCCESS DEPENDS LARGELY ON A PRELIMINARY EDUCATIONAL PROGRAM. THE SCREENING OF A LARGE GROUP OF THE POPULATION RESULTS IN SEPARATING THE ACTIVE AND SUSPICIOUS CASE FROM THE NEGATIVE. WHERE ACTIVE OR SUSPICIOUS PLATES ARE FOUND, ALL MEMBERS OF THE FAMILY AND CONTACTS ARE FOLLOWED AND MAY REVEAL THE SOURCE OF INFECTION. SCREENING IS ONLY THE INITIAL STEP IN TUBERCULOSIS CONTROL. UNLESS SUPPLEMENTED BY INTENSIVE FOLLOW-UP, THE ENTIRE





## CHEST DISEASE BUREAU (CONT'D)

PROGRAM IS A WASTE OF PUBLIC FUNDS. TOO MUCH STRESS IS OFTEN PLACED ON MASS X-RAYING AND TOO LITTLE ON INTENSIVE FOLLOW-UP. RE-EXAMINATION, CLINICAL AND LABORATORY STUDIES OF SUSPICIOUS CASES REDUCES THE NUMBER, SHOWING THAT MANY ARE INACTIVE AND THAT OTHERS HAVE DIFFERENT FORMS OF LUNG PATHOLOGY.

DURING 1956 A SURVEY WAS CONDUCTED IN NEWARK CONCENTRATING ON "TARGET AREAS" WHERE EXPERIENCE DEMONSTRATED MOST CASES HAD BEEN FOUND IN THE PAST. PRECEDED BY AN EDUCATIONAL CAMPAIGN WHICH WAS WIDELY PUBLICIZED, THE PROGRAM BEGAN ON MARCH 12TH AND CONTINUED UNTIL SEPTEMBER 26TH, OVER A PERIOD OF 140 DAYS. X-RAYS WERE TAKEN ON 52,828 ADULTS AND EXAMINATION OF THESE FILMS DISCLOSED 1,355 SUSPICIOUS OF TUBERCULOSIS AND 1,446 SHOWING OTHER PULMONARY AND CARDIAC ABNORMALITIES. THE SUSPICIOUS CASES ARE BEING FOLLOWED UP FOR FURTHER STUDY AND DIAGNOSIS. A SURVEY OF THIS TYPE HELPS TO LOCATE MANY UNDISCOVERED CASES NOT PREVIOUSLY KNOWN AND IS ALSO OF VALUE INsofar AS IT GIVES ASSURANCE TO MANY THAT THEY ARE FREE OF TUBERCULOSIS.

TUBERCULIN TESTING - THIS TEST IS ONE OF THE MOST RELIABLE IN THE FIELD OF MEDICINE WHEN PROPERLY DONE AND IN ALMOST EVERY CASE WILL DEMONSTRATE THOSE WITH LIVE TUBERCLE BACILLI IN THEIR BODIES. THESE ARE THE INDIVIDUALS WHO MAY SHOW ACTIVE DISEASE OR MAY DEVELOP IT IN THE FUTURE. THE TEST IS IMPORTANT IN FINDING UNKNOWN CASES OF TUBERCULOSIS, IN DIAGNOSIS AND AT TIMES PRESENTS INFORMATION AS TO WHEN INFECTION TOOK PLACE. IN TESTING VARIOUS GROUPS, AN INDEX CAN BE OBTAINED AS TO WHICH GROUP REQUIRES MORE ATTENTION FROM AN EPIDEMIOLOGICAL VIEWPOINT. IN ROUTINELY TESTING CHILDREN, ESPECIALLY WHERE THERE HAS BEEN CONTACT WITH AN ACTIVE OPEN CASE, THE TIME OF INFECTION CAN OFTEN BE ESTIMATED. THIS INFORMATION IS OBTAINED WHEN A PERSISTENTLY NEGATIVE REACTOR CHANGES TO POSITIVE. POSITIVE REACTORS ARE X-RAYED AT ONCE WITH SUBSEQUENT RADIOGRAPHY FOLLOWED UNTIL ADULT LIFE. PRELIMINARY X-RAYS USUALLY SHOW NO DEMONSTRABLE LESIONS. EVERY POSITIVE REACTOR IS NOT ONLY CLOSELY SCREENED BUT ALL MEMBERS OF THE FAMILY AND CONTACTS ARE X-RAYED FROM TIME TO TIME.

CLINICAL EXAMINATIONS - DURING 1956, 13,866 EXAMINATIONS WERE MADE AS COMPARED WITH 13,221 IN 1955. EXAMINATIONS INCLUDED ACTIVE ALSO INACTIVE AND SUSPICIOUS CASES OF TUBERCULOSIS. OTHER FORMS OF LUNG DISEASE AND KNOWN CONTACTS ARE INCLUDED IN THIS FIGURE. THERE HAS BEEN AN INCREASE IN X-RAYS TAKEN DURING THE PAST YEAR AND IN 1956, 13,288 PLATES WERE TAKEN AS COMPARED WITH 12,290 IN THE PREVIOUS YEAR. IN ADDITION TO THE RADIOGRAPHS TAKEN IN OUR CLINIC, 360 PLATES WERE EXAMINED FROM OTHER CLINICS, SHOWING AN INCREASE OVER 1955 WHEN 193 WERE REVIEWED. FLUOROSCOPIC EXAMINATIONS WERE ALSO INCREASED, 1,921 COMPARED WITH 1,830 IN 1955. TUBERCULIN TESTING WAS PERFORMED ON 1,574 CHILDREN AS COMPARED WITH 1,400

LAST YEAR. THIS NUMBER DOES NOT INCLUDE TESTS PERFORMED IN THE PAROCHIAL AND PUBLIC SCHOOL SYSTEMS. CHILDREN EXAMINED FOR SUMMER CAMPS WERE 662.

NURSES ACTIVITIES - SUPERVISION OF ACTIVE AND SUSPICIOUS CASES DURING 1956 WAS MARKEDLY INCREASED AND 33,099 VISITS WERE MADE IN CONTRAST TO 29,462 IN 1955. ANTI-BIOTIC INJECTIONS WERE GIVEN TO BECD OPEN CASES OF TUBERCULOSIS WAITING ADMISSION TO SANATORIA AND ALSO TO AMBULATORY PATIENTS. THERAPY IS ADMINISTERED NOT ONLY TO CASES UNDER OUR SUPERVISION BUT TO THOSE OF PRIVATE PHYSICIANS WHO CLAIM THEIR PATIENTS ARE UNABLE TO PAY FOR MEDICATION. STREPTOMYCIN INJECTIONS GIVEN IN OUR CLINIC WERE 3,656 AND TO PATIENTS AT HOME 1,113. THIS IS A MARKED INCREASE OVER THE PREVIOUS YEAR WHEN 2,338 INJECTIONS WERE GIVEN IN CLINIC AND 1,101 IN THE HOMES. OUR NURSES CONTINUED WORKING ON THE SALK VACCINE PROJECT. DURING THE MASS X-RAY SURVEYS OUR NURSES WORKED AT EVERY LOCATION DURING THE INTENSIVE 140 DAY DRIVE. LECTURES HAVE ALSO BEEN GIVEN TO NURSING STUDENTS IN VARIOUS HOSPITALS. INSTRUCTIONS IN PUBLIC HEALTH AND FIELD NURSING CONTINUED TO AFFILIATES FROM SEVERAL HOSPITALS.

CARDIAC DISEASE CONTROL - DURING THE PAST YEAR 4,751 EXAMINATIONS WERE MADE IN OUR CARDIAC CLINIC. IN ADDITION 977 ELECTROCARDIOGRAMS WERE TAKEN AND 4,415 INJECTIONS OF MERCURYDRIN GIVEN IN TREATMENT. THE CLASSIFICATION OF CASES UNDER TREATMENT IS AS FOLLOWS:

HYPERTENSION	734	CONGENITAL	16
ARTERIOSCLEROTIC	269	UNKNOWN	13
RHEUMATIC HEART	74	HYPERTHYROID	7
CORONARY	53	HYPOTHYROID	2
PULMONARY	47	PERICARDITIS	2
SYPHILITIC	25	NO HEART DIS.	138

HAY FEVER AND ASTHMA - THIS CLINIC SPECIALIZES IN TREATMENT OF ALLERGIC AND ASTHMATIC PATIENTS THAT ARE INDIGENT, AND 2,366 EXAMINATIONS WERE MADE IN 1956. PATIENTS ARE EXAMINED AND TESTED TO DETERMINE EPIDEMIOLOGICAL FACTORS INVOLVED IN THEIR DISEASE AND RECEIVE TESTS AND THERAPY FOR ALLERGIES OR ASTHMA.



# CHEST DISEASE BUREAU (CONT'D)

## DIVISIONAL WORK

VISITS, INVESTIGATIONS BY NURSES  
(PATIENT VISITS - 13,506  
(CONTACT VISITS - 21,849

33,099

## CLINIC EXAMINATIONS

TUBERCULOSIS, ADULTS & CHILDREN 13,866  
CARDIAC 4,751  
HAY FEVER & ASTHMA 2,366

13,866  
4,751  
2,366

X-RAYS - 4 X 5 -- 6,556  
14 X 17 -- 6,732

13,288

MERCURYHYDRIN INJECTIONS 4,415  
STREPTOMYCIN INJECTIONS (CLINIC) 3,656  
STREPTOMYCIN INJECTIONS (HOMES) 1,113  
FLUOROSCOPIC EXAMINATIONS 1,921  
PATCH TESTS 1,574  
ELECTROCARDIOGRAMS 977  
CAMP CHILDREN EXAMINATIONS 662  
PNEUMOTHORAX TREATMENTS 8  
B 12 INJECTIONS (HOMES) 7

4,415  
3,656  
1,113  
1,921  
1,574  
977  
662  
8  
7

## SANATORIA AND HOSPITAL EXAMINATIONS

VERONA - COUNTY SANATORIUM CLINIC 236  
OLYN GARDNER - STATE SANATORIUM CLINIC 44  
ESSEX COUNTY HOSPITAL CLINIC 18

236  
44  
18

## TUBERCULOSIS MORTALITY & MORBIDITY RATE

YEAR	POPULATION PER 1000	NO. OF DEATHS	CASES REPORTED	MORTAL- ITY	MORBID- ITY
1915	375	808	2146	215.5	572.2
1920	417	540	1790	130.4	428.1
1925	453	378	872	83.4	192.5
1930	440	445	1000	101.1	227.3
1935	455	316	654	69.5	143.7
1940	429	309	586	71.9	136.6
1945	443	247	495	55.8	111.7
1950	443	209	526	47.2	117.2
1955	443	46	490	15.3	10.6
1956	443	72	401	16.3	90.5

## DEATHS (PER 1000 TO REPORT OF CASE)

WITHIN 1 YEAR	20	OR	28 %
2 TO 3 YEARS	7		10
3 TO 4 "	4		5
4 AND OVER	13		8
TOTAL	44	OR	61 %

REPORTED AFTER DEATH 28 OR 39 %

## DEATHS BY AGE - 1950 TO 1956 (7 YEAR TOTAL)

UNDER 1 YEAR	24
1 TO 9 YEARS	60
10 " 24 "	33
25 " 44 "	430
45 " 54 "	189
55 " 64 "	223
65 " 74 "	100
75 AND OVER	31

## MORTALITY AND MORBIDITY BY RACE

ARD	POP. EST.	REPORTED CASES	MORBIDITY PER 100 POP.	DEATHS	MORTALITY PER 100 POP.
CENT.	88000	123	140	27	30.7
EAST	92000	125	136	25	27.2
SOUTH	90000	40	44	9	10.0
WEST	85000	51	60	4	4.7
NORTH	88000	42	48	4	4.5
N R		20		3	
TOTAL	443000	401	90.5	72	16.3

## TUBERCULOSIS - WHITE AND NEGRO

YEAR	POP. IN 1000S		REPORTED CASES		DEATHS	
	WHITE	NEGRO	WHITE	NEGRO	WHITE	NEGRO
1950	367	76	278	245	110	98
1951	365	78	260	253	85	83
1952	360	80	233	240	72	79
1953	360	80	268	260	48	63
1954	363	80	245	264	32	36
1955	360	83	221	267	25	43
1956	358	85	194	206	37	35

YEAR	MORBIDITY		MORTALITY	
	WHITE	NEGRO	WHITE	NEGRO
1950	75.6	322.3	30.1	127.6
1951	71.2	324.3	23.4	106.4
1952	64.7	300.0	12.0	98.7
1953	74.4	325.0	13.3	61.2
1954	67.5	330.0	8.8	45.0
1955	61.4	333.7	6.9	51.8
1956	54.2	242.4	10.4	41.2



THE INFANT MORTALITY RATES FOR 1956 ARE VERY SIMILAR TO THAT THEY WERE LAST YEAR. THE MATERNAL MORTALITY RATE, HOWEVER, FOR 1956 IS HALF OF WHAT IT WAS IN 1955. ALMOST 99% OF THE MOTHERS WERE DELIVERED IN HOSPITALS IN 1956.

THERE WAS A VERY SLIGHT REDUCTION IN THE MORTALITY OF THE FIRST DAY - 12.8 FOR 1955 AND 1.3 FOR 1956. WE WOULD POINT OUT THAT ALMOST TWO THIRDS OF ALL THE DEATHS IN THE FIRST YEAR OF LIFE OCCUR IN THE FIRST WEEK, WHICH WOULD INDICATE THAT THIS MORTALITY CAN BE REDUCED ONLY WITH MORE EFFECTIVE PRENATAL CARE AND CARE OF THE NEWBORN.

THE SPECIAL TRAINING IN SPANISH TAKEN BY OUR NURSES OF THEIR OWN VOLITION HAS HELPED THEM IN DEALING WITH THE PUERTO RICAN MOTHERS, OF WHOM THERE ARE NOW ABOUT 3,000 IN NEWARK.

WE HAVE CONTINUED, THROUGH IN-SERVICE TRAINING, TO ENABLE OUR NURSES TO HELP MOTHERS IN PARENT-CHILD RELATIONSHIPS LARGELY THROUGH ANTICIPATORY GUIDANCE.

IN ADDITION TO USING THE BABY-KEEP-WELL STATIONS AS TEACHING CENTERS, DURING THE PAST YEAR, WE HAVE GIVEN SALM VACCINE INJECTIONS AGAINST POLIOMYELITIS, "BOOSTER" INJECTIONS AGAINST DIPHTHERIA, WHOOPING COUGH AND TETANUS, AND PATCH TESTS, BESIDES VACCINATING AGAINST SMMALPOX AND IMMUNIZING AGAINST DIPHTHERIA, WHOOPING COUGH, AND TETANUS AS WE HAVE IN THE PAST.

IN 1956 SPECIAL ATTENTION HAS BEEN GIVEN TO THE CARE OF PREMATURE BABIES IN THE HOMES. THE SOCIAL SERVICE DEPARTMENT OF THE NEWARK MEDICAL CENTER HAS BEEN NOTIFIED WHEN WE FELT THAT A HOME WAS NOT FIT TO RECEIVE A PREMATURE INFANT WITH THE SUGGESTION THAT THE BABY SHOULD BE KEPT AT THE CENTER FOR A LONGER TIME.

I AM GLAD TO REPORT THAT THERE HAS BEEN LESS GONORRHEAL OPHTHALMIA OF THE NEWBORN IN 1956 THAN IN 1955. A CAREFUL STUDY WAS MADE OF THE MATERIAL USED AS A PROPHYLACTIC IN THE EYES OF THE NEWBORN AND IT WAS FOUND TO BE SATISFACTORY.

I HAVE RECOMMENDED THAT THE LICENSING AND SUPERVISION OF BOARDING HOMES NOT ALREADY UNDER THE SUPERVISION OF THE NEW JERSEY STATE BOARD OF CHILD WELFARE OR PUBLIC AND PRIVATE CHILD-PLACING AGENCIES SHOULD BE CONDUCTED IN NEWARK BY THE DEPARTMENT OF PUBLIC WELFARE.

CASE WORK AND REFERRAL SERVICES WERE GIVEN BY THE SOCIAL SERVICE REPRESENTATIVE ON FAMILY SITUATIONS AFFECTING THE EMOTIONAL AND PHYSICAL HEALTH AND WELFARE OF MOTHERS AND CHILDREN. IN FACT, IT IS PREFERRED BY CHILD HYGIENE NURSES AND THE OTHER BUREAUS OF THE DIVISION OF HEALTH. THE MAJORITY OF THE CASES INVOLVED

NEGLECT OF CHILDREN, ECONOMIC NEEDS, MENTAL, AND SANITATION SITUATIONS. THE CASES HANDLED REFLECT THE NEED FOR A RE-EVALUATION OF OUR COMMUNITY ORGANIZATION, NEIGHBORHOOD, AND MENTAL HEALTH PROGRAMS.

CONSIDERABLE TIME WAS SPENT BY THE SOCIAL WORKER DURING THE YEAR ON THE COLLECTION OF STATISTICS ON ILLEGITIMATE BIRTHS IN NEWARK IN COOPERATION WITH THE UNMARRIED MOTHERS COMMITTEE OF THE COUNCIL OF SOCIAL AGENCIES. THE FINDINGS OF THIS REPORT HAVE BEEN INSTRUMENTAL IN POINTING UP THE PRESSING NEED FOR STRENGTHENING AND EXPANDING THE HEALTH AND SOCIAL SERVICES TO THE CHILDREN BORN OUT OF WEDLOCK AND THEIR MOTHERS. THE SOCIAL SERVICE REPRESENTATIVE ALSO WORKED IN COOPERATION WITH CHILD-PLACING AND FAMILY AGENCIES IN THE COMMUNITY AND ATTENDED CONFERENCES AND MEETINGS IN THE MATERNAL AND CHILD HEALTH FIELD.

THERE WERE 61 BOARDING HOMES FOR CHILDREN STUDIED FOR LICENSING AND RENEWAL OF LICENSES FOR THE YEAR, 1956. OF THIS NUMBER 15 NEW HOMES WERE LICENSED, 74 WERE RENEWED, 11 HOMES WERE REJECTED, 47 APPLICATIONS WERE WITHDRAWN, AND 14 LICENSES WERE NOT RENEWED. THERE WERE ALSO 20 DAY NURSERY SCHOOLS (PHILANTHROPIC) NURSERY SCHOOLS, AND DAY-CARE CENTERS UNDER SUPERVISION IN COOPERATION WITH THE DEPARTMENT OF EDUCATION DURING THE YEAR. TWO NURSERY SCHOOLS AND 1 DAY NURSERY WERE CLOSED.

IT MAY BE NOTED THAT THERE APPEARS TO BE A DECREASE IN THE NUMBER OF HOMES STUDIED AND LICENSED FOR 1956. HOWEVER, THIS IS THE FIRST FULL YEAR THAT FOSTER HOMES USED BY PUBLIC AND PRIVATE CHILD-PLACING AGENCIES HAVE NOT BEEN INCLUDED IN OUR REPORT. ON APRIL 20, 1956, A LEGAL OPINION GIVEN BY THE PROSECUTOR GENERAL EXCLUDED BOARDING HOMES SUPERVISED BY CHILD-PLACING AGENCIES FROM OUR LICENSING PROGRAM.

FOR THE PAST SEVERAL YEARS THE TREND IN THE BOARDING HOME PROGRAM SEEMS TO HAVE SHIFTED, WITH MORE EMPHASIS PLACED ON THE DAY-CARE PHASE. THE MAJORITY OF REQUESTS FOR APPLICATIONS FROM POTENTIAL BOARDING HOME MOTHERS HAVE BEEN FOR DAY-CARE. THESE WOMEN PREFER FOSTER FAMILY DAY-CARE TO FULL-TIME CARE, AS IT IS LESS CONFINING. IN 1956 BOARDING HOMES LICENSES WERE ISSUED FOR 48 DAY-CARE HOMES, 24 OVER-NIGHT HOMES, AND 15 FOR COMBINED CARE (OVER-NIGHT AND DAY-CARE).

FROM THE STANDPOINT OF THE WORKING MOTHER WHO FINDS IT NECESSARY TO PLACE HER CHILD, THE PREFERENCE SEEMS TO BE FOR DAY-CARE RATHER THAN OVER-NIGHT CARE, THUS ENABLING HER TO SPEND AS MUCH TIME AS POSSIBLE WITH HER CHILD. (THEN, TOO, IT IS LESS EXPENSIVE THAN FULL-TIME CARE.) THIS ARRANGEMENT SEEMS MORE BENEFICIAL FOR THE CHILD AS WELL, SO THAT HE IS NOT COMPLETELY SEPARATED FROM HIS FAMILY.



THE APPROVAL OF DAY-CARE HOMES REQUIRES AS CAREFUL SELECTION AS REGULAR BOARDING HOMES. FOSTER FAMILY DAY-CARE IS A SPECIALIZED SERVICE WHICH WILL REQUIRE MORE EXPERIMENTATION. SOME FOSTER MOTHERS HAVE NOT FULLY REALIZED THE EXTRA PRECAUTIONS AND SERVICES WHICH ARE NECESSARY FOR THIS TYPE OF CARE; THAT IS, CAUTION SHOULD BE EXERCISED TO GUARD CHILDREN AGAINST FATIGUE, COLDS, AND OVERSTIMULATION.

HOWEVER, THE SERVICES AND FACILITIES FOR THE DAY-CARE OF CHILDREN IN THIS CITY ARE NOT ADEQUATE. WE HAVE EMPHASIZED THE NECESSITY FOR COMMUNITY ACTION ON THE UNMET NEEDS IN DAY-CARE AND OTHER RELATED CHILD-CARE PROBLEMS. IN THIS REGARD THE COUNCIL OF SOCIAL AGENCIES HAS RECENTLY UNDERTAKEN A STUDY TO REVIEW THESE PROBLEMS.

SINCE 1915 THE DIVISION OF HEALTH HAS BEEN LEGALLY RESPONSIBLE FOR THE LICENSING AND SUPERVISION OF THE BOARDING HOME PROGRAM. HOWEVER, IN A RECENT RE-EVALUATION OF OUR BOARD AND CARE PROGRAM IT WAS DECIDED THAT THE RESPONSIBILITY FOR LICENSING BOARDING HOMES WHICH ARE NOT UNDER THE SUPERVISION OF PRIVATE AND PUBLIC CHILD-CARE AGENCIES (INCLUDING DAY-CARE HOMES) SHOULD BE TRANSFERRED TO THE DIVISION OF PUBLIC WELFARE. THE HEALTH DIVISION WOULD CONTINUE THE PUBLIC HEALTH PHASE OF THE BOARDING HOME WORK. IT WAS FELT THAT THIS PROGRAM WOULD FIT IN VERY NATURALLY WITH THE ACTIVITIES OF THE WELFARE DIVISION. CERTAIN TECHNICAL AND JURISDICTIONAL CONSIDERATIONS HAVE DELAYED MAKING THIS A WELFARE DIVISION FUNCTION.

#### NURSES' ACTIVITIES

SUPERVISED BABIES BORN DURING 1956	8,193
TOTAL NUMBER SUPERVISED BABIES UNDER TWO YEARS	17,996
NURSES' VISITS TO HOMES	88,229
MOTHERS' VISITS TO CONSULTATION STATIONS	16,227
NUMBER BABIES ATTENDING BABY-KEEP-IT-ALL STATIONS	4,301
NUMBER INJECTIONS AGAINST DIPHTHERIA, WHOOPING COUGH & TETANUS	12,472
NUMBER INJECTIONS AGAINST DIPHTHERIA, WHOOPING COUGH AND TETANUS REACTIVATION	579
NUMBER SALK VACCINE INJECTIONS AGAINST POLYOMYELITIS	6,843
NUMBER VACCINATIONS AGAINST SMALLPOX	4,356
NUMBER PATCH TESTS	143





VENEREAL DISEASE BUREAU

EDMOND EDELBOM, M.D., PHYSICIAN-IN-CHARGE

THE YEAR 1956 WAS ONE OF MIXED TRENDS IN THE INCIDENCE AND TREATMENT OF VENEREAL DISEASES. THE TREND IN INCIDENCE OF SYPHILIS IN MANY OF THE LARGER CITIES WAS UPWARD ALTHOUGH MUCH OF THIS APPARENT INCREASE IN SYPHILITIC INFECTIONS IS DUE TO THE DISCOVERY OF PREVIOUSLY HIDDEN CASES BY MEANS OF MORE EFFICIENT AND MORE NUMEROUS CASE FINDING SURVEYS. HOWEVER, THERE ALSO HAS BEEN A TRUE INCREASE IN THE NUMBER OF CASES OF EARLY AND CONTAGIOUS SYPHILIS. WHILE THIS INCREASE IS NOT GREAT, NEVERTHELESS IT INDICATES THAT OUR DEPARTMENT MUST CONTINUE ITS VIGILANCE IN CASE-FINDING ACTIVITIES, TO MINIMIZE THE SPREAD OF THE DISEASE.

TREATMENT OF SYPHILIS HAS ALSO CHANGED AS THE AMOUNT OF PENICILLIN NECESSARY FOR TREATMENT OF EACH TYPE OF SYPHILIS HAS DECREASED WITH MORE EFFICIENT TYPES OF PENICILLIN. MANY FORMS PREVIOUSLY REQUIRING A PROLONGED SERIES CAN NOW BE TREATED WITH ONE INJECTION OF SLOWLY ABSORBING PENICILLIN WITH PROMPT ELIMINATION OF CONTAGIOUSNESS AND LITTLE QUESTION AS TO THE CURABILITY IN THESE STAGES. OBVIOUSLY, THE TIME LOST BY THE PATIENTS FROM WORK IS REDUCED TO ALMOST NIL AND THE COOPERATION THEREFORE GREATLY INCREASED.

THE TREND IN CASE FINDING HAS ALWAYS BEEN FOR BETTER AND MORE EFFICIENT SURVEYS. DURING THE PAST YEAR, IN COOPERATION WITH THE STATE HEALTH DEPARTMENT, WE CONDUCTED A VERY PRODUCTION SURVEY, WITH MASSIVE BLOOD TESTING PROGRAMS AND CONTINUOUS FOLLOW-UP CASE FINDING. IN THIS PROGRAM THE SHORTER AND MORE EFFICIENT COURSE OF THERAPY RESULTED IN MORE RAPID TREATMENT OF A CONSIDERABLY INCREASED NUMBER OF NEW CASES OF SYPHILIS. WHILE THE INCREASED EFFICIENCIES OFFER CONSIDERABLE ADVANTAGES TO PATIENTS, THEY ALSO GIVE US GREATER ECONOMY OF MANPOWER AND EXPENSE.

GONORRHEA HAS SHOWN A DECREASED INCIDENCE IN NEWARK, PARTICULARLY IN NEW FEMALE PATIENTS. WHILE THE TREATMENT HAS BEEN EFFECTIVE FOR MANY, THE EFFICIENCY OF THE BETTER TYPES OF LONGER LASTING PENICILLIN HAS ALSO ADDED ADVANTAGES TO THE TREATMENT. WITH OUR INCREASED CASE FINDING ACTIVITIES IT IS EXPECTED THAT NEW PATIENTS REPORTED EACH YEAR WILL BE HIGH. IN SPITE OF THE MIGRATORY CHARACTER OF A SEGMENT OF THE POPULATION OF A BIG CITY SUCH AS NEWARK, AND THE VERY MARKED CONTAGIOUSNESS OF THIS DISEASE, NEW CASES REPORTED EACH YEAR DURING THE PAST FEW YEARS AND INCLUDING 1956 HAS BEEN WELL IN BALANCE. A LARGE PORTION OF THESE NEWLY INFECTED INDIVIDUALS OF THE MIGRATORY SEGMENT OF OUR CITY.

IN THE CONTROL OF VENEREAL DISEASES OUR DEPARTMENT HAS INITIATED ONE OF THE FIRST PROGRAMS OF PRISON BLOOD TESTING AS A ROUTINE SCREENING OF ALL NEW PRISONERS IN ONE OF ITS LARGER JAILS. THIS PROGRAM IN COOPERATION WITH THE PRISON AUTHORITIES DEMONSTRATED AN INDEX OF

BLOOD TEST POSITIVITY FOR SYPHILIS OF WELL OVER 10%. IT IS HOPED THAT THIS PROGRAM, IN WHICH NEWARK IS PIONEERING, WILL EXPAND TO OTHER JAILS AS IT IS OBVIOUSLY A GOOD SOURCE FOR CONTINUING AND PRODUCTIVE CASE FINDING AT LITTLE EXPENSE.

THE SKIN CLINIC HAS CONTINUED TO OPERATE IN A BUSY MANNER WITH RESEARCH PROGRAMS CONTINUALLY UNDERWAY IN ATTEMPTS TO DEVELOP BETTER TREATMENTS FOR MANY OF THE DISABLING CONDITIONS WHICH IT REGULARLY IS CALLED UPON TO TREAT. IN ADDITION, IT HAS ATTEMPTED TO ASSIST IN THE CONTROL OF SOME OF THE CONTAGIOUS SKIN INFECTIONS PARTICULARLY PRESENT IN SMALL EPIDEMIC FORM AMONG SCHOOL CHILDREN.

CLINIC REPORT

<u>SYPHILIS</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>
TOTAL NEW PATIENTS	244	602	381	522
TOTAL PATIENTS TREATED	2578	4006	4270	3463
TREATMENTS GIVEN	3413	8236	4561	5604
NEW CASES REPORTED FROM NEWARK	469	818	585	898
PATIENTS DISMISSED				
ARRESTED OR CURED	779	1119	1155	1379
PATIENTS PUT ON REST	326	379	585	613

GONORRHEA

NEW PATIENTS - MALE	758	912	953	911
NEW PATIENTS - FEMALE	297	226	373	227
TOTAL NEW PATIENTS	1055	1138	1326	1138
PATIENTS TREATED - MALE	1265	1127	1048	956
PATIENTS TREATED - FEMALE	1394	1161	1569	1345
TOTAL GC PATIENTS TREATED	2659	2288	2617	2301
TOTAL VISITS G.C.	6255	6368	7023	6741

SOURCES OF INFECTION

NAMED	1179	1153	1221	846
FOUND AND EXAMINED	1029	543	789	529
FOUND INFECTIOUS	929	226	204	168

SKIN CLINIC

NEW CASES		2006	1962
TREATMENTS		5663	5487



## PAROCCHIAL SCHOOLS

THE HEALTH DIVISION PROVIDES MEDICAL INSPECTION, HEALTH EDUCATION, AND HEALTH SERVICE FOR APPROXIMATELY 16,000 ELEMENTARY AND SECONDARY SCHOOL CHILDREN WHO ATTEND THE 31 LOCAL PAROCCHIAL SCHOOLS.

A STAFF OF PHYSICIANS AND NURSES IS ASSIGNED TO WORK IN AN ADVISORY AND DIRECTIVE CAPACITY TO HELP PARENTS AND CHILDREN SOLVE THEIR HEALTH PROBLEMS.

THIS WORK IS AIDED BY TEACHER-NURSE CONFERENCES. IN MANY INSTANCES, IT IS THE TEACHER WHO FIRST DETECTS SIGNS OF TROUBLE IN HER DAILY OBSERVATION OF THE CHILDREN IN THE CLASSROOMS - THE TIRED, IRRITABLE, RESTLESS OR ACUTELY ILL CHILD. ALL SUCH CHILDREN ARE REFERRED TO THE SCHOOL NURSE FOR FURTHER INSPECTION AND OBSERVATION. ALL CHILDREN PRESENTING HEALTH PROBLEMS OF ANY NATURE ARE REFERRED TO THE FAMILY PHYSICIAN OR TO A CLINIC FOR REMEDIAL CARE.

CLOSE COOPERATION BETWEEN THE SCHOOL PHYSICIANS, NURSES, AND SCHOOL PERSONNEL IS MAINTAINED AND THROUGH THEIR EXAMINATIONS AND INSPECTIONS, MANY HEALTH PROBLEMS ARE FOUND WHICH CAN BE CORRECTED OR REMEDIED. IT IS OBVIOUS THAT THE SCHOOL CHILD IS HAPPIER AND THAT HE HAS A BETTER CHANCE TO DEVELOP HIS LEARNING POTENTIALITIES WHEN HIS PHYSICAL, MENTAL OR EMOTIONAL PROBLEMS ARE SOLVED.

THE NURSES ARE RESPONSIBLE FOR FOLLOW-UP WORK ON DEFECTS FOUND. PARENTS ARE THEN ADVISED BY THE NURSES ABOUT THEIR CHILDREN'S HEALTH PROBLEMS. THIS IS DONE EITHER BY WRITTEN MESSAGES, HOME VISITS, PHONE CALLS, OR OFFICE CONFERENCES. THE NEED FOR MEDICAL CARE IS STRESSED TO THE PARENTS BY THE NURSES SO THAT CORRECTIVE MEASURES CAN BE INSTITUTED AS SOON AS POSSIBLE.

THE NURSES MADE 599 HOME CALLS, 3,654 PHONE CALLS TO PARENTS, CONFERRED WITH 5,715 PARENTS AT SCHOOL AND WROTE HUNDREDS OF NOTES TO PARENTS ABOUT THEIR CHILDREN'S HEALTH NEEDS. AS A RESULT OF THESE EFFORTS, 4,846 CHILDREN RECEIVED REMEDIAL CARE EITHER BY THEIR OWN PRIVATE PHYSICIANS OR AT A CLINIC.

THE HEALTH OF THE SCHOOL CHILD IS CONSIDERED IN ALL ASPECTS - PHYSICAL, MENTAL, SPIRITUAL, EMOTIONAL AND SOCIAL. FAMILIES WHO NEED ASSISTANCE ARE GUIDED TO THE PROPER SOCIAL AGENCY IF UNABLE TO PAY FOR PRIVATE CARE. THE HEALTH DIVISION'S MEDICAL SOCIAL WORKER HELPS WITH DIFFICULTY PROBLEMS. FAMILIES WHO ARE MEDICALLY INDIGENT ATTEND THE CITY DISPENSARY CLINICS. THOSE WHO CAN AFFORD TO PAY A SMALL FEE ARE REFERRED TO THE HOSPITAL CLINICS IN THE COMMUNITY.

MARY J. HOBAN, R.N., B.S., ....  
SUPERVISOR OF PUBLIC HEALTH NURSING

ALL CHILDREN MUST BE VACCINATED AGAINST SMALLPOX AND IMMUNIZED AGAINST DIPHTHERIA. ALL OUR SCHOOL CHILDREN ARE 100% PROTECTED. RE-IMMUNIZATION AGAINST DIPHTHERIA (BOOSTER DOSES) ARE RECOMMENDED EVERY FOUR YEARS UNTIL THE CHILD REACHES TS TENTH YEAR - 2,234 RECEIVED THEIR BOOSTERS IN SCHOOL DURING THE PAST YEAR AND HUNDREDS OF OTHERS RECEIVED THEM FROM THE FAMILY DOCTORS.

DURING THE PAST YEAR, 14,126 SALK ANTI-POLIO VACCINE INJECTIONS WERE GIVEN IN SCHOOL TO CHILDREN IN THE ELEMENTARY AND SECONDARY GRADES.

IN THE SECONDARY AND ELEMENTARY GRADES, 4,722 CHILDREN WERE TUBERCULIN PATCH-TESTED. OF THIS NUMBER, 220 WERE FOUND WITH POSITIVE REACTIONS. THE POSITIVE REACTORS WERE REFERRED TO THE HEALTH DIVISION'S CHEST DISEASE BUREAU FOR X-RAYS OF THE CHEST AND FURTHER MEDICAL SUPERVISION.

A CUMULATIVE HEALTH RECORD WHICH CONTAINS PERTINENT HEALTH DATA IS KEPT FOR EACH CHILD ALL THROUGH SCHOOL. ALL CHILDREN ARE WEIGHED, HEIGHT IS MEASURED, INSPECTED FOR OBSERVABLE DEFECTS, VISION IS SCREENED, AND TEETH ARE INSPECTED. THE ABOVE PROCEDURES ARE DONE ROUTINELY EACH YEAR BY THE NURSE. A TOTAL OF 17 FOURTH-GRADE CHILDREN HAD THEIR VISION SCREENED BY THE DIVISION'S TWO PART-TIME OPTOMETRISTS WHO USE THE "MAGNACHARTS VISION TESTING" MACHINES FOR THIS TYPE OF SCREENING. OF THIS GROUP, 208 CHILDREN FAILED THE TEST. DURING THE PAST YEAR AN "Audiometric Screening Program" WAS CONDUCTED IN SEVERAL OF THE SCHOOLS BY THE NURSE WITH THE ASSISTANCE OF THE DIRECTOR OF THE BARKHORN HEARING CENTER, AT THE NEWARK EYE & EAR HOSPITAL, AND HIS STAFF WITH THE PERMISSION AND COOPERATION OF OUR HEALTH OFFICER. A TOTAL OF 8,392 CHILDREN HAD THEIR HEARING SCREENED; 526 OF THEM FAILED THE TEST AND WERE SUSPECTED OF HAVING A HEARING LOSS. THOSE WHO FAILED THE TEST WERE RE-TESTED AT THEIR FAMILY DOCTOR'S OTOLGIST, CHILDREN OF WHOM WHO WERE UNABLE TO PAY WERE RE-TESTED AT THE "HEARING CENTER". APPROXIMATELY ONE HALF OF ALL THE CHILDREN ENROLLED IN OUR SCHOOLS HAD THEIR HEARING SCREENED LAST YEAR BY THE USE OF THE "Audiometer". PLANS HAVE BEEN MADE WITH THE HEARING CENTER DIRECTOR AND OUR HEALTH OFFICER TO COMPLETE THE SCREENING PROGRAM DURING THE COMING YEAR.

A HOME NURSING PROGRAM HAS BEEN CONDUCTED IN OUR SECONDARY SCHOOLS FOR SENIOR HIGH SCHOOL GIRLS. CLASSES OF GIRLS HAVE BEEN INSTRUCTED IN HOME CARE OF THE SICK. THE STUDENTS RECEIVE CREDIT IN THIS COURSE WHICH IS APPLIED TO THEIR SCHOLASTIC RECORDS. THE NURSES WHO TEACH THOSE CLASSES ARE SPECIALLY TRAINED



# PAROCHIAL SCHOOLS (CONT'D)

IN METHODS OF TEACHING HOME NURSING PROCEDURES. THESE NURSES RECEIVE THEIR PREPARATION THROUGH AN IN-SERVICE TRAINING PROGRAM AT THE NEWARK CHAPTER OF THE RED CROSS FROM A QUALIFIED NURSE INSTRUCTOR OF TEACHER-NURSES AND THROUGH COLLEGE PREPARATION.

LECTURES IN HEALTH EDUCATION ARE ALSO GIVEN BY THE NURSES ON REQUEST OF THE SCHOOL PRINCIPAL TO SECONDARY SCHOOL STUDENTS. OUT-OF-CLASSROOM TALKS ARE GIVEN BY THE NURSES IN THE ELEMENTARY GRADES. DURING THE PAST YEAR, A FEW NURSES WERE INVITED TO SPEAK ON VARIOUS ASPECTS OF HEALTH TO PARENT-TEACHER GROUPS.

DURING RECENT YEARS, THERE SEEMS TO BE AN INCREASE IN, OR A GREATER AWARENESS OF, EMOTIONALLY DISTURBED CHILDREN IN OUR SCHOOLS. IN ORDER TO HELP SOLVE THESE PROBLEMS, THE "TEAM APPROACH" IS USED IN WHICH THE SCHOOL PRINCIPAL, TEACHERS, PARENTS AND THE SCHOOL NURSE WORK TOGETHER TO TRY TO GIVE THOSE CHILDREN SOME HELP. WHEN THE PROBLEM BECOMES TOO GREAT FOR THE "SCHOOL TEAM" TO HANDLE, SPECIAL HELP MUST BE SECURED FROM OTHER SOURCES, EITHER THROUGH PRIVATE CARE, OR BY HELP FROM THE ESSEX COUNTY GUIDANCE CENTER WHOSE FACILITIES ARE AVAILABLE TO OUR PAROCHIAL SCHOOL CHILDREN. TO DATE, MANY EMOTIONALLY DISTURBED CHILDREN AND THEIR FAMILIES HAVE RECEIVED WORTH-WHILE HELP AT THE GUIDANCE CENTER.

A LARGE PERCENTAGE OF OUR SCHOOL CHILDREN HAVE BEEN CONCERNED WITH DENTAL HEALTH PROBLEMS DURING THE PAST YEAR. MANY FAMILIES LACK THE FINANCIAL MEANS TO PAY FOR PRIVATE DENTAL CARE FOR THEIR CHILDREN. AS A RESULT, MANY MEDICALLY INDIGENT CHILDREN WERE TREATED IN THE HEALTH DIVISION'S FREE DENTAL CLINICS. DURING THE PAST YEAR, 7,592 PAROCHIAL SCHOOL CHILDREN RECEIVED DENTAL CARE, 4,461 OF THOSE CHILDREN WERE TREATED BY THEIR FAMILY DENTISTS AND 3,131 IN THE HEALTH DIVISION'S FREE DENTAL CLINICS.

	DEFECTS FOUND	DEFECTS CORRECTED OR CURED
DENTAL	5,441	4,588
VISION	1,379	1,262
SKIN	1,014	887
NOSE AND THROAT	676	623
CARBO	171	96
PERICULOSIS	586	431
NUTRITION	343	240
PERSONAL HYGIENE	536	537 *
EAR - HEARING	465	302
OTHER CONDITIONS SUCH AS DEFECTIVE SPEECH, ORTHOPEDIC DEFECTS, EMOTIONAL PROBLEMS, POOR POSTURE, POSITIVE TUBERCULOSIS PATCH TESTS, OTHER ILLNESS, ETC.	3,350	1,908

\* INDICATES DEFECTS PREVIOUSLY FOUND AND WHICH WERE CORRECTED DURING THE YEAR

## SUMMARY OF SCHOOL HEALTH ACTIVITIES

1 - GROWTH SURVEY WORK INCLUDING HEIGHT, WEIGHT, SCREENING OF VISION, HEARING, AND INSPECTION OF TEETH, SKIN, PERSONAL HYGIENE, ETC. (NURSE EXAM)	20,293
2 - EXAMINATIONS OF PHYSICIANS AT SCHOOL AND BY PRIVATE AND CLINIC PHYSICIANS	8,730
3 - EXAMINATIONS AND TREATMENTS BY PRIVATE OR CLINIC PHYSICIANS (CHILDREN REFERRED BY THE NURSE)	4,864
4 - EXAMINATIONS AND TREATMENTS CLINIC DENTISTS	3,131
5 - EXAMINATIONS AND TREATMENTS PRIVATE DENTISTS	4,461
6 - CLASS INSPECTIONS AND CLASSROOM TALKS BY NURSES (TOTAL NO. OF CHILDREN)	48,207
7 - OFFICE CONFERENCES BY THE NURSES WITH SCHOOL PRINCIPALS, TEACHERS CHILDREN OR OTHERS	39,804
8 - OFFICE CONFERENCES WITH PARENTS AT SCHOOL	5,715
9 - HOME VISITS AND PHONE CALLS	4,253
10 - SCHOOL EXCLUSIONS OF CHILDREN FOR VARIOUS REASONS	2,941
11 - OTHER HEALTH SERVICES, SUCH AS SMALLPOX VACCINATIONS, DIPHTHERIA IMMUNIZATIONS, DIPHTHERIA BOOSTERS, TUBERCULOSIS PATCH TESTS, SPECIAL VISION TESTS, FIRST AID, ETC.	36,742
12 - HOME NURSING CLASSES CONDUCTED IN SECONDARY SCHOOLS (APPROXIMATELY 20 STUDENTS IN EACH SENIOR GIRLS CLASS)	269
13 - HEALTH LECTURES GIVEN BY THE NURSES TO SECONDARY SCHOOL STUDENTS	88



# HEALTH LABORATORIES

THESE LABORATORIES MAKE FOOD, MILK AND WATER EXAMINATIONS AND DIAGNOSTIC TESTS FOR LOCAL HOSPITAL, PHYSICIANS AND DEPARTMENT CLINICS.

CARL CORDASCO, B.S., REG. PH. G.,  
CHIEF SUPERVISOR, PUBLIC HEALTH LABORATORIES  
SEROLOGICAL - LEYER LEVY, B. SC.  
CHEMICAL - NICHOLAS DIAURIA, B. SC.  
BACTERIOLOGICAL - FRED COLTRELL

BACTERIOLOGICAL	TOTAL	POSITIVE	SEROLOGICAL & HEMATOLOGY	TOTAL	POSITIVE
DIPHTHERIA CULT.	87	0	PREMAR. TESTS (MAZZINI)	4700	492
T. B. SPUTA	7308	579	PRENATAL " "	2054	112
TYPHOID (HIDALS)	47	3	DOMESTICS " "	1996	192
DARKFIELDS	20	5	PRIV. DR. S " "	13381	1468
PARA TYPH. A & B	7	0	DISPENSARY " "	3266	326
DOG BRAIN EXAM. (RABIES)	32	0	VEN. DIS. " "	2417	5771
VIN. ANG. SMEARS	149	135	QUANT. " "	1612	5683
TRICH. VAG.	782	411	HOSPITALS " "	12271	1442
GONORRHOEA SMEARS	5904	1816			
" CULTURES	3357	206	TOTAL MAZZINI	41797	15483
EXAM. FOR UMD. FEVER	11	0			
OPHTHALMIC GON.	95	8	WASSERMAN EXAMINATIONS		
WATER EXAMINATIONS	197	0			
MILK & CREAM "	3312	0	R.W. FACTOR DETER.	8134	700
ICE CREAM "	109	0	SPINAL FLUIDS (WASS.)	1007	33
SHELL FISH "	65	0	BLOOD TEST FOR TYPING	8154	700
MISC. FOODS & OTHER EXAM.			METER, ANTIB. DETER.	177	20
(SWABB. FROM EATING UTEN.,			MISC. (URINES, SED RATE,		
RINSE WAT. POL. CTS, T.B. CULTS			C.B.C., GOLD CURVE, PANDY,		
ETC.	5308	0	CELL CT. BLD SUGARS, CLOT.		
			& BL. TIME, ETC.	6366	0
	22,890	3,163		65615	16936

CHEMICAL	TOTAL
MILK SAMPLES	2318
CREAM SAMPLES	532
ICE CREAM "	168
WATER "	220
MEAT "	387
MISC. "	
(PHOSPHOTASE TEST	
MILK PAST.)	2318
	5943

NOTE: SPECIAL EXAMINATIONS INCLUDED HORSEWEAT, ADDED SULPHITES AND EXCESSIVE FAT CONTENT IN MEATS; ARTIFICIAL FLAVORINGS, FOREIGN FATS, OILS, ETC., AND MANY OTHER TYPES OF FOODS. CREAM AND ICE CREAM EXAMINATIONS FROM WATER SHERDS, LOCAL FAUCETS, ETC. AS WELL AS ROUTINE TESTS OF SWIMMING POOL WATER FOR FREE CHLORINE, ETC.

GRAND TOTAL OF ALL LABS: 114,547







